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DEPARTMENT OF THE ARMY FIELD MANUAL

STAFF OFFICER'S FIELD MANUAL

ORGANIZATIONAL, TECHNICAL, AND LOGISTICAL DATA

EXTRACTS OF NONDIVISIONAL TABLES

OF

ORGANIZATION AND EQUIPMENT

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HEADQUARTERS, DEPARTMENT OF THE ARMY

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FOREWORD

FM 101-10, *Staff Officers' Field Manual—Organizational, Technical, and Logistical Data*, consists of three parts published separately:

FM 101-10-1, *Unclassified Data*

FM 101-10-2, *Extracts of Nondivisional Tables of Organization and Equipment*

FM 101-10-3, *Classified Data (U)*

FM 101-10-2 is a planning guide only. It provides general troop planning data for staff officers of all echelons. Detailed reference data are found in appropriate TOE. Data pertaining to divisional TOE are contained in FM 101-10-1. Only those divisional TOE that have a **nondivisional** application are included in FM 101-10-2; however, the **complete** title, as shown on the TOE, is given. Classified data pertaining to divisional and nondivisional TOE are included in FM 101-10-3. Users of this manual should be aware that although DA doctrine is based on the organizations shown herein, studies and tests are constantly being conducted to determine additional organization and equipment changes that may be required. Source data cutoff date for material included in this manual is 15 January 1969.

The extracts of TOE contained in this manual are based primarily on the latest DA-published nondivisional TOE (G series) and do not necessarily reflect all current TOE (R, C, D, E, and F series). In accordance with DA policy, the publication of a new series TOE (e.g., 20-17G) will not supersede a previous series (e.g., 20-17E) until all units have been organized under the new series. In the Army force structure, units of the same type may be organized under more than one series of TOE simultaneously (e.g., 20-17E and 20-17G (military history detachment)). In this instance, the manual contains information on TOE 20-17G only. In other instances, the Army force structure contains units that are organized under TOE that reflect outmoded doctrine but continue in existence (e.g., 54-102D (HHD, logistical command B)). These types of units are included in this manual and will not be deleted until the TOE are rescinded by DA. Tentative TOE, designated by the suffix T, are published to provide an experimental organizational structure upon which to base a troop test. Normally, the proponent agency will initiate action within 1 year to replace or rescind the tentative TOE. When a tentative TOE is to be replaced by a standard TOE, the tentative TOE remains in effect until superseded by the DA-published TOE. Some of the extracts in the manual are based on draft plan TOE (DPTOE), plan TOE (PTOE), or final plan TOE (FPTOE). A DPTOE has been prepared by the proponent agency but has not been approved by HQ, USACDC. A PTOE has been approved by HQ, USACDC, but has not been approved by DA. An FPTOE has been approved by DA but has not been published by TAG. All TOE not reflecting final DA approval are so labeled in the manual and should be used for planning purposes only.

Each TOE extract lists the mission, assignment, capabilities, strength, basis of allocation, category, and mobility; component elements are listed,

where applicable. For G-series TOE, strength figures are given for levels 1, 2, and 3 and type B; levels 2 and 3 adapt the personnel and equipment in a TOE for reduced operational capabilities, in decrements of 10 percent, from approximately 90 percent for level 2 to 80 percent for level 3. The figures for levels 1 through 3 are designed to relate to the categories established by AR 220-1, *Unit Readiness*, and AR 135-8, *Reserve Component Unit Readiness*. The categories for each unit are in accordance with AR 310-25, *Dictionary of United States Army Terms*. For D-, E-, and F-series TOE, figures are given for full, reduced, and type B strengths. Reduced strength adapts a TOE to lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat.

Certain units are adaptable to type B organization, which provide reduced requirements for U.S. military personnel. The number of non-U.S. personnel is determined by the major commander to which a unit is assigned and depends on the capability of available personnel to produce, the number of shifts, and other local conditions. Interpreters and translators required when organized under type B will be provided from appropriate teams available to the theater commander. Authorization of U.S. military personnel shown for type B may be modified by troop basis proponents, as required by local area conditions of employment, to enable the unit to effectively accomplish its mission when authorized by DA.

The extracts of TOE in this manual do not, in many instances, reflect the new 10 classes of supply or the latest maintenance terminology identified in AR 750-1, *Maintenance Concepts*. Additionally, the mission and capability statements of many combat service support TOE refer to obsolete technical service functions. It is emphasized that data in the manual pertaining to these areas are given as published in applicable TOE. For example, the user will find certain logistic unit TOE containing maintenance equivalent tables and others containing maintenance man-hour tables. Maintenance equivalent data are in the process of being replaced by maintenance man-hour data. As TOE are revised by proponent agencies incorporating the new class-of-supply structure and the latest maintenance terminology, subsequent changes to or revisions of this manual will include extracts of these revised TOE. For users of this manual, appendix A contains the breakout of the 10 classes of supply so that meaningful interpretation of the outmoded data can be accomplished in the field.

Abbreviations used in this manual are included in appendix B for the convenience of the user of the manual.

Users of this manual should submit recommended changes and comments to improve the manual. Comments should be keyed to the specific page, paragraph, and line of the text in which the change is recommended. Reasons will be provided for each comment to insure understanding and complete evaluation. Comments should be prepared using DA Form 2028 (Recommended Changes to Publications) and forwarded direct to the Commanding General, U.S. Army Combat Developments Command Institute of Combined Arms and Support, Fort Leavenworth, Kansas 66027. Originators of proposed changes that would constitute a significant modification of approved doctrine may send an information copy, through command channels, to the Commanding General, U.S. Army Combat Developments Command, Fort Belvoir, Virginia 22060, to facilitate review and followup.

FIELD MANUAL }
No. 101-10-2 }

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D. C., 17 October 1969

STAFF OFFICERS' FIELD MANUAL
ORGANIZATIONAL, TECHNICAL, AND LOGISTICAL DATA
EXTRACTS OF NONDIVISIONAL TABLES OF ORGANIZATION AND EQUIPMENT

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* This manual supersedes FM 101-10-2, 19 January 1965, including all changes.



CHAPTER 1

AVIATION UNITS

1-7G Avn Obsn Co

Mission. a. To provide combat elements with area reconnaissance and target acquisition capabilities through visual observation and limited photographic means.

b. To provide limited light aviation support to units to which attached.

Assignment. As required to corps, field army, or separate task force.

Capabilities. a. At level 1, this unit provides—

(1) Day and night operations during visual weather conditions.

(2) Aerial observation by visual and limited photographic means to locate, verify, and evaluate targets; to conduct terrain study; and to provide fire adjustment.

(3) Aircraft for aerial command post, liaison, and radio relay.

(4) Limited battlefield illumination for combat elements.

(5) Weather reconnaissance and advisories.

b. This unit is not adaptable to a type B organization.

c. This unit can perform organizational maintenance on all organic equipment.

d. This unit depends on the organization to which attached for administration and logistic support.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 45 WO 13

EM 101 Aggr 159

b. Level 2: Off 39 WO 11

EM 93 Aggr 143

c. Level 3: Off 34 WO 10

EM 83 Aggr 127

Basis of allocation. As required to corps, field army, or separate task force.

Category. I.

Mobility. One hundred-percent mobile, using organic air and surface vehicles.

1-47G Avn Co, Sep Inf Bde

Mission. a. To provide aviation support for the brigade HQ, brigade support battalion, and other brigade units that do not include organic aircraft.

b. To provide general support and reinforcement to units that include organic aircraft.

c. To provide aviation special staff personnel for the brigade HQ.

Assignment. Organic to separate infantry brigade (TOE 7-100).

Capabilities. a. At level 1, this unit—

(1) Provides aviation special staff personnel for the brigade HQ.

(2) Provides aircraft to support the brigade HQ, brigade support battalion, and other units without organic aircraft.

(3) Provides aircraft for general support and reinforcement to units with organic aircraft.

(4) Operates a central aircraft communication and control facility.

(5) Participates in airmobile combat operations. One reinforced, dismounted infantry platoon can be airlifted in one airlift, using organic aircraft.

(6) Operates one VFR airfield with terminal flight facilities.

(7) Operates forward landing sites.

(8) Augments aeromedical evacuation.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

d. This unit depends on the brigade administration company (TOE 12-177) for personnel administration and the brigade HHC (TOE 7-102) for unit-level medical support.

Strength. a. Level 1: OFF 14 WO 37
EM 106 Aggr 157
b. Level 2: Off 14 WO 29
EM 97 Aggr 140
c. Level 3: OFF 14 WO 25
EM 86 Aggr 125

Basis of allocation. One per separate infantry brigade (TOE 7-100).

Category. I.

Mobility. One hundred-percent mobile, using air and ground vehicles.

1-66T (DPTOE) HHC, Avn Bde

Mission. To provide command, staff planning, administrative, and logistic supervision for nondivisional aviation groups, battalions, separate companies, and other attached elements.

Assignment. To field army or task force, as required, in stability operations.

Capabilities. a. At level 1, this unit—

(1) Provides command, staff planning, and supervision of the training, operations, logistics, and administration of assigned and attached units.

(2) Provides administration, mess, organizational maintenance, supply, motor transport, medical support, and local security for the brigade HQ.

(3) Plans for future operations to include recommendations on nondivisional aviation requirements, employment, and utilization.

(4) Operates the brigade communication system and directs the allocation, resupply, and maintenance of the avionics and signal equipment.

(5) Provides aircraft to facilitate the command, control, and coordination of brigade activities.

(6) Establishes and supervises the brigade safety program to include safety surveys, seminars, advice on aircraft accident investigation, and review of aircraft accident reports.

b. This unit is not adaptable to a type B organization.

c. This unit depends on other supporting Army elements for personnel services, motor transport, and communication facilities when requirements exceed organic capabilities.

d. Individuals of this organization, except the chaplain and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 34 WO 7
EM 111 Aggr 152
b. Level 2: Off 27 WO 7
EM 103 Aggr 137
c. Level 3: Off 27 WO 6
EM 89 Aggr 122

Basis of allocation. One per two to five aviation groups in stability operations.

Category. II.

Mobility. Sixty-percent mobile, using organic vehicles and aircraft.

Remarks. DPTOE 1-66T forwarded to HQ, USACDC, 15 September 1968, for review.

1-77G Airmbl Co (Lt), Avn Bn, Inf Div Avn Co (Airmbl)

Mission. a. To provide tactical air movement of combat troops in airmobile operations.

b. To provide tactical air movement of combat supplies and equipment within the combat zone.

Assignment. Organic to aviation battalion, infantry division (TOE 1-75); as required when organized as a separate company.

Capabilities. a. At level 1, this unit—

(1) Provides continuous (day and night) operations during visual weather conditions and limited operations under instrument weather conditions in support of the force in the combat zone.

(2) Provides, in a single lift, airlift for the assault elements of one infantry or dismounted mechanized infantry company.

(3) Provides aerial movement of troops, supplies, and equipment within the combat zone.

(4) Augments the aeromedical evacuation capability of medical air ambulance elements.

b. This unit is not adaptable to a type B organization.

c. When organic to a division, this unit depends on the division administration company (TOE 12-37) for personnel administration.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area installation.

Strength. a. Level 1: Off 13 WO 40
EM 136 Aggr 189
b. Level 2: Off 13 WO 36
EM 121 Aggr 170
c. Level 3: Off 13 WO 30
EM 108 Aggr 151

Basis of allocation. One per aviation battalion, infantry division (TOE 1-75); as required when organized as a separate company.

Category. I.

Mobility. One hundred-percent mobile, using air and ground vehicles.

1-111T Avn Aerial Wpns Co

Mission. To provide security for airmobile forces and to participate in offensive, defensive, and delaying actions as part of a highly mobile combined arms team.

Assignment. To corps, field army, or separate task force, as required.

Capabilities. a. At level 1, this unit—

(1) Provides armed aerial escort and aerial fire support for airmobile operations to include—

(a) En route escort of troop-carrying helicopters.

(b) Suppressive fire support in the landing zone during execution of the air-landing phase.

(c) Fire support of the air-landed force during their maneuver phase.

(d) Fire support of reconnaissance and security elements of the air-landed force.

(2) Provides effective, quick-reaction aerial fires in support of other ground forces to include—

(a) Fire support against enemy mechanized/armor forces.

(b) Fire support in operations against guerrilla forces in rear areas.

(c) Fire support against insurgent forces in internal defense operations.

(3) Augments air movement of ambulatory patients within the combat zone when equipped with the UH-1C.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

d. This unit can perform organizational maintenance on all organic equipment.

Strength. a. When equipped with UH-1C helicopter:

(1) Level 1: Off 20 WO 34
EM 146 Aggr 200

(2) Level 2: Off 18 WO 28
EM 133 Aggr 179

(3) Level 3: Off 17 WO 25
EM 118 Aggr 160

b. When equipped with AH-1G helicopter:

Level 1: Off 17 WO 31
EM 126 Aggr 174

Level 2: Off 16 WO 28
EM 113 Aggr 157

Level 3: Off 15 WO 25
EM 100 Aggr 140

Basis of allocation. Two companies per three-division corps force.

Category. I.

Mobility. One hundred-percent mobile, using organic air and surface vehicles.

1-127D Corps Avn Co

Mission. To provide the corps HQ and its subordinate elements with immediately available and responsive aviation support and necessary air traffic control capability.

Assignment. To corps.

Capabilities. a. At full strength, this unit provides—

(1) Air movement of high-priority personnel and emergency aerial resupply of critical parts and supplies.

(2) Aerial transportation for the corps commander and staff.

(3) Facilities for air traffic regulation of Army aviation within the corps area.

(4) Aircraft for—

(a) Column control, radio relay, and courier and messenger service.

(b) Radiological survey.

(c) Roadnet reconnaissance and traffic survey.

(5) Communications and airfield service for the corps base airfield.

(6) Augmentation of aeromedical evacuation.

b. At reduced strength, the capabilities in *a* above are reduced approximately 25 percent.

c. This unit is not adaptable to a type B organization.

d. Individuals of this unit can fight as infantrymen, when required.

Strength. a. Full: Off 29 WO 10
EM 124 Aggr 163

b. Reduced: Off 24 WO 8
EM 108 Aggr 140

Basis of allocation. One per corps.

Category. II.

Mobility. Seventy-five-percent mobile.

Remarks. This unit will be replaced by aviation company (corps) (TOE 1-127G), when published.

1-127G (DPTOE) Avn Co (Corps)

Mission. To provide the corps HQ and its subordinate elements with immediately available and responsive aviation support and IFR terminal control facilities.

Assignment. To corps.

Capabilities. a. Under level 1, this unit provides—

(1) Air movement of high-priority personnel and emergency aerial resupply of critical parts and supplies.

(2) Aerial transportation for the corps commander and staff.

(3) Facilities for the operation of an instrumented airfield within the corps area.

(4) Aircraft for—

(a) Column control, radio relay, and courier and messenger service.

(b) Radiological survey.

(c) Roadnet reconnaissance and traffic survey.

(5) Communications and airfield service for the corps base airfield.

(6) Augmentation of aeromedical evacuation.

b. This unit is not adaptable to a type B organization.

c. This unit depends on the corps HHC (TOE 52-1) for personnel administration.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

e. This unit can perform organizational maintenance on organic equipment.

Strength. a. Level 1: Off 9 WO 18
EM 90 Aggr 117

b. Level 2: Off 9 WO 15
EM 82 Aggr 106

c. Level 3: Off 9 WO 12
EM 73 Aggr 94

Basis of allocation. One per corps.

Category. II.

Mobility. One hundred-percent mobile, using organic aircraft and vehicles.

Remarks. DPTOE 1-127G at HQ, USACDC, for review at the time of preparation of this man-

ual. When published, this unit will replace corps aviation company (TOE 1-127D).

1-128T Avn Aerial Survl Co

Mission. To provide combat surveillance and target acquisition capabilities to corps and/or division units through the use of organic aircraft, sensory equipment, and ground data stations.

Assignment. To corps, field army, or separate task force, as required.

Capabilities. a. At level 1, this unit—

(1) Provides sustained all-weather, day or night surveillance of that portion of the field army area of influence for which the Army has primary aerial surveillance responsibility.

(2) Conducts air reconnaissance of routes, zones, and areas.

(3) Acquires target acquisition information by aerial means.

(4) Acquires information for poststrike analysis of nuclear weapon effects.

(5) Acquires information for CBR survey.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

d. This unit depends on its parent higher HQ for personnel administrative services.

Strength. a. Level 1: Off 15 WO 21
EM 261 Aggr 297

b. Level 2: Off 14 WO 16

c. Level 3: Off 14 WO 14
EM 212 Aggr 240

Basis of allocation. One per field army, corps, or separate task force, as required.

Category. I.

Mobility. One hundred-percent mobile, using air and ground vehicles.

Remarks. This unit will be replaced by aerial surveillance company (TOE 1-128G), when published.

1-128G (DPTOE) Aerial Survl Co

Mission. To provide continuous combat surveillance and indirect target acquisition information in support of corps and subordinate units through the use of organic aircraft and sensor equipment.

Assignment. To corps, field army, or separate task force, as required.

Capabilities. a. At level 1, this unit—

(1) Provides sustained near all-weather, day

or night surveillance of that portion of the field army area of influence for which the Army has primary aerial surveillance responsibility.

(2) Conducts air reconnaissance of routes, zones, and areas.

(3) Acquires target acquisition information by aerial means.

(4) Acquires imagery by aerial means, using a combination of aerial sensors.

(5) Acquires information for poststrike analysis of nuclear weapon effects.

(6) Acquires information for damage assessment of conventional fire support systems.

(7) Acquires information for CBR survey.

(8) Acquires information for traffic analysis.

b. This unit is not adaptable to a type B organization.

c. This unit can perform organizational maintenance on all assigned equipment.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

e. This unit depends on the personnel and administration battalion in the army or corps support brigade for personnel administrative actions.

Strength. a. Level 1: Off 16 WO 10
EM 156 Aggr 182
b. Level 2: Off 15 WO 10
EM 140 Aggr 165
c. Level 3: Off 13 WO 8
EM 120 Aggr 141

Basis of allocation. One per field army, corps, or separate task force, as required.

Category. I.

Mobility. a. For tactical movements, 85-percent mobile in organic vehicles and aircraft.

b. When the unit displaces, additional general-purpose transportation is required for 32 personnel and approximately 3,000 pounds of equipment.

c. One hundred-percent mobile in organic vehicles and aircraft when using two lifts in administrative movement.

Remarks. DPTOE 1-128G at HQ, USACDC, for review at the time of preparation of this manual. When published, this unit will replace aviation aerial surveillance company (TOE 1-128T).

1-137D AAVN Co

Mission. To provide the army HQ and units subordinate to army HQ with immediately available and responsive aviation support and necessary air traffic regulation.

Assignment. To field army.

Capabilities. a. At full strength, this unit provides—

(1) Aerial transportation for the army commander and staff.

(2) Air movement of high-priority personnel and emergency aerial resupply of critical supplies and parts.

(3) Air traffic regulation of Army aviation within the army area.

(4) Aircraft support for column control, wire laying, radio relay, and courier and messenger service.

(5) Aircraft support for air observation, reconnaissance, battlefield illumination, and both day and night aerial photography.

(6) Communications and airfield terminal control facilities for the army base airfield.

(7) Augmentation of aeromedical evacuation.

b. At reduced strength, the capabilities in a above are reduced approximately 25 percent.

c. This unit is not adaptable to a type B organization.

d. Individuals of this unit can fight as infantrymen, when required.

Strength. a. Full: Off 19 WO 18
EM 128 Aggr 165
b. Reduced: Off 17 WO 13
EM 109 Aggr 139

Basis of allocation. One per field army.

Category. II.

Mobility. Seventy-five-percent mobile.

Remarks. This unit will be replaced by aviation company (army) (TOE 1-137G), when published.

1-137G (DPTOE) Avn Co (Army)

Mission. To provide the army HQ and subordinate elements with immediately responsive Army aviation support and IFR terminal control facilities.

Assignment. To field army.

Capabilities. a. At level 1, this unit provides—

(1) Aerial transportation for the army commander and staff.

(2) Air movement of high-priority personnel and emergency aerial resupply of critical parts and supplies.

(3) Facilities for the operation of an instrumented airfield within the army area.

(4) Aircraft support for—

(a) Column control, wire laying, radio relay, and courier and messenger service.

(b) Radiological survey.

(c) Air observation, reconnaissance, and battlefield illumination.

(d) Roadnet reconnaissance and traffic survey.

(e) Augmenting aeromedical evacuation.

(5) Communications and airfield service for the army base airfield.

b. This unit is not adaptable to a type B organization.

c. This unit depends on the army HHC (TOE 51-1) for personnel administration.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation. In an internal defense environment, however, additional personnel are required for an effective defensive posture.

Strength. a. Level 1: Off 10 WO 26
EM 99 Aggr 135
b. Level 2: Off 10 WO 23
EM 89 Aggr 122
c. Level 3: Off 10 WO 21
EM 77 Aggr 108

Basis of allocation. One per field army.

Category. II.

Mobility. One hundred-percent mobile, using organic air and surface vehicles.

Remarks. DPTOE 1-137G at HQ, USACDC, for review at the time of preparation of this manual. When published, this unit will replace army aviation company (TOE 1-137D).

1-207G Avn ATC Unit

Mission. To provide en route air traffic regulation, navigational aids, air warnings, other assistance to in-flight aircraft, and assistance to divisions in regulating air traffic in the forward areas.

Assignment. To field army.

Capabilities. a. At level 1, this unit provides
(1) Continuous (day and night) air traffic regulation of aircraft operating in the army air traffic regulation system.

(2) Emergency and routine weather information to aircraft in flight.

(3) Coordination of air traffic with other Services and allied forces, as required.

(4) Air warnings.

(5) Central planning and communications to integrate the divisions into the system.

(6) Organizational maintenance for all equipment organic to the company.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation, with the exception of the navigation teams, who may be employed in areas devoid of friendly troops.

d. This unit depends on the personnel and administration battalion in the army support brigade for personnel administrative actions.

Strength. a. Level 1: Off 27 WO 9
EM 304 Aggr 340
b. Level 2: Off 22 WO 9
EM 274 Aggr 305
c. Level 3: Off 19 WO 8
EM 237 Aggr 264

Basis of allocation. One per field army.

Category. II.

Mobility. For tactical movements, 100-percent mobile in organic vehicles and equipment.

1-252G HHC, Avn Gp

Mission. To provide command, staff planning, and control of operations of attached aviation battalions and separate aviation companies.

Assignment. To field army, corps, FASCOM, or task force.

Capabilities. a. At level 1, this unit commands, plans, and supervises the activities of from three to seven separate aviation battalions.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. When this group is operating at distances in excess of 50-mile radius from brigade HQ and/or subordinate units, augmentation may be made from TOE 11-500, as required, to provide adequate communications.

d. Individuals of this organization, except chaplains and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

e. This unit depends on—

(1) The transportation aircraft direct support company (TOE 55-457) for direct support aircraft maintenance.

(2) An AG personnel service unit for processing personnel administrative actions to include classification, personal affairs, maintenance of personnel records, pay actions, personnel accounting, casualty reporting, rosters, and orders directing personnel actions.

Strength. a. Level 1: Off 16 WO 2
EM 58 Aggr 76

- b. Level 2: Off 16 WO 2
EM 51 Aggr 69
- c. Level 3: Off 16 WO 2
EM 44 Aggr 62
- d. Type B: Off 16 WO 2
EM 50 Aggr 68

Basis of allocation. One per three to seven aviation battalions (TOE 1-256), as required.

Category. II.

Mobility. Sixty-five-percent mobile.

1-256G HHC, Avn Bn

Mission. To provide command, control, staff planning, and administrative supervision for from three to seven army aviation companies.

Assignment. To field army or corps aviation group when the primary mission is tactical transport; to the FASCOM aviation group when the primary mission is logistic support.

Capabilities. a. At level 1, this unit—

(1) Plans and supervises the employment of attached or assigned army aviation companies.

(2) Supervises organizational maintenance and logistic functions of assigned or attached units.

(3) Provides medical service to include emergency medical treatment, operation of an aid station, evacuation of the sick and injured, and supervision of sanitation.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. This unit depends on—

(1) An AGG personnel service unit for processing personnel administrative actions to include classification, personal affairs, maintenance of personnel, records, pay actions, personnel accounting, casualty reporting, rosters, and orders directing personnel actions.

(2) One of its attached companies for motor maintenance facilities.

Strength. a. Level 1: Off 14 WO 2
EM 61 Aggr 77

b. Level 2: Off 14 WO 2
EM 54 Aggr 70

c. Level 3: Off 13 WO 2
EM 46 Aggr 61

d. Type B: Off 14 WO 2
EM 51 Aggr 67

Basis of allocation. One per three to seven Army aviation companies, as required.

Category. II.

Mobility. Fifty-percent mobile, using all organic vehicles and aircraft.

1-258G Avn Mdm Hel Co

Mission. To provide air transport of personnel and cargo for combat service support and combat support operations.

Assignment. To field army, TASCOC, or other commands, as required. Normally attached to HHC, aviation battalion (TOE 1-256).

Capabilities. a. At level 1, this unit—

(1) Operates one heliport with facilities for visual and instrument terminal air traffic control.

(2) Transports troops and/or supplies under day, night, or limited-visibility conditions.

(3) Provides aerial mobility and aerial supply and resupply of Army forces.

(4) Augments Army Medical Service aero-medical evacuation elements.

(5) Transports one of the following, or a combination thereof, in one lift as maximum effort, with 75-percent helicopter availability, operating within a 100-nautical-mile radius at sea level under standard day conditions:

Type of helicopter	Troops (240 pounds)	Cargo (tons)	Litters
CH-47A	396	70	288

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) An AG personnel service unit for processing personnel administrative actions to include classification, personal affairs, maintenance of personnel records, pay actions, personnel accounting, casualty reporting, rosters, and orders directing personnel actions.

(2) The HHC, aviation battalion (TOE 1-256), for medical aid.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 13 WO 25
EM 201 Aggr 239

b. Level 2: Off 13 WO 21
EM 178 Aggr 212

c. Level 3: Off 13 WO 17
EM 153 Aggr 183

Basis of allocation. One per continuing airlift requirement of 396 troops or 70 tons within a 100-mile radius.

Category. II.

Mobility. One hundred-percent mobile, using organic vehicles and helicopters.

1-259G Avn Hv Hel Co

Mission. To provide combat service support airlift for movement of heavy supplies, vehicles,

aircraft, and equipment and, as directed, to provide combat support airlift of combat units and air supply of units engaged in combat operations.

Assignment. To HHC, aviation group (TOE 1-252). Normally attached to HHC, aviation battalion (TOE 1-256).

Capabilities. a. At level 1, this unit—

(1) Provides necessary communications and terminal facilities for the operation of the unit airfield.

(2) Transports heavy-lift items, within 100-mile radius, under day, night, or limited-visibility conditions.

(3) Establishes local air traffic control at loading and unloading areas.

(4) Provides aerial mobility and aerial supply and resupply of combat forces in the combat zone.

(5) Provides movement of specialist teams, critical items, and critical supplies and parts.

b. This unit is not adaptable to a type B organization.

c. This unit depends on other organizations for personnel, medical, and religious support.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

e. This unit can perform organizational maintenance on all its organic equipment.

Strength. a. Level 1: Off 16 WO 16
EM 97 Aggr 129

b. Level 2: Off 15 WO 14
EM 87 Aggr 116

c. Level 3: Off 14 WO 12
EM 77 Aggr 103

Basis of allocation. Normally one per aviation group (TOE 1-252).

Category. II.

Mobility. One hundred-percent mobile, using organic vehicles and helicopters.

1-307G Avn Co, Abn SF Gp

Mission. a. To provide aviation support for the special forces group in unconventional warfare, in general or limited war, in stability operations and civil action in cold war.

b. To support PSYOP, as required.

Assignment. Organic to airborne special forces group (TOE 31-105).

Capabilities. a. At level 1, this unit—

(1) Provides tactical air movement of counter guerrilla forces in airmobile operations.

(2) Provides limited aerial fire support to include escort of aerial columns in counter guerrilla operations.

(3) Provides tactical air movement of personnel, supplies, and equipment in stability operations.

(4) Provides air movement of personnel, supplies, and equipment in unconventional warfare operations within the capabilities of the aircraft.

(5) Provides parachute and air-landing delivery or ground or aerial pickup of personnel engaged in unconventional warfare operations during infiltration or exfiltration within the capabilities of the aircraft.

(6) Provides spot aerial photography.

(7) Supports PSYOP by providing loudspeakers or airdrop of materiel.

(8) Provides training assistance and advice to indigenous forces in conducting airmobile operations.

(9) Provides support to civic action programs in stability operations.

(10) Provides other aviation support such as reconnaissance and aeromedical evacuation within the capabilities of the aircraft assigned or attached.

(11) Performs direct support maintenance on organic aircraft.

b. This unit is not adaptable to a type B organization.

c. This organization will require assistance from the host country police, military or paramilitary forces, or U.S. military forces for protection from guerrilla attack and sabotage.

d. Individuals of this organization, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 16 WO 33
EM 140 Aggr 189

b. Level 2: Off 16 WO 29
EM 126 Aggr 171

c. Level 3: Off 16 WO 24
EM 110 Aggr 150

Basis of allocation. One per airborne special forces group (TOE 31-105).

Category. I.

Mobility. Ninety-percent mobile, using organic air and ground vehicles. The ground mobility and air transportability of the aircraft maintenance element are seriously restricted by the size and weight of the maintenance vans.

1-407G Avn Svc Spt Co

Mission. To provide administrative air transport service within the field army or the COMMZ.

Assignment. To field army, TASCOT, or other commands, as required. Normally attached to HHC, aviation battalion (TOE 1-256).

Capabilities. a. Under level 1, this unit provides—

(1) Administrative air transport service for the TASCOT, major commands, and other commands, as required.

(2) Air support for control, aerial radiological survey, observation, and reconnaissance in support of RAP operations.

(3) In support of (1) and (2) above, 1,750 flying hours per month.

Type of aircraft	Quantity	Flying hour/rate	Flying hour/month
LOH	5	60	300
UH-1	10	70	700
U-8F	10	75	750

Note. Aircraft availability factors depend on theater policy and adequacy of aircraft logistic support.

(4) Necessary communications and air traffic control facilities to support VFR and IFR operations at the unit's base airfield.

(5) Local motor transport taxi service for general officers, senior commanders, and other personnel who use the aviation service.

(6) Organizational maintenance for all organic equipment.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. This unit depends on servicing personnel activity for personnel administration.

d. When it is necessary for the unit to operate more than one airfield, additional airfield terminal control, communication, and ground-servicing capabilities must be provided from TOE 29-500 (teams EB, control tower; ED, flight dispatch; EF, approach control; EH, low-/medium-frequency beacon; EI, airfield communications; EJ, airfield service HQ; EK, airfield service; and EL, aviation fire/crash rescue).

e. This unit depends on elements of the MEDCOM, TASCOT, or other appropriate medical HQ for unit-level medical service.

f. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 10 WO 43
EM 112 Aggr 165.

b. Level 2: Off 10 WO 39
EM 99 Aggr 148

c. Level 3: Off 10 WO 34
EM 88 Aggr 132
d. Type B: Off 10 WO 43
EM 86 Aggr 139

Basis of allocation. a. Normally two per TASCOT in support of an eight- to 12-division field army.

b. As required in support of specific Army forces.

Category. II (When employed in the field army); III (when employed in the COMMZ).

Mobility. Approximately 50-percent mobile, using organic air and surface vehicles.

1-500G Avn Op Tms

Mission. To provide the minimum personnel and equipment to operate observation, utility, and cargo aircraft when limited aviation support is required.

Assignment. To separate brigade, division, corps, field army, or COMMZ, as required.

Capabilities. a. The capabilities of units organized under this TOE will vary with the size and groupings of the teams used. Individual team capabilities are as indicated in the detailed breakdown of teams below.

b. If not provided by the unit to which attached or assigned, administrative control, mess, organizational supply, and organizational maintenance teams will be drawn from TOE 29-500, TOE 29-600, and TOE 29-680, as required.

c. These units are not adaptable to levels 2 and 3 or to a type B organization.

d. Individuals of this organization can engage in effective, coordinated defense of their area or installation.

Strength. See individual teams below for strengths.

Basis of allocation. As required by major commander in support of TOE and TDA organizations.

Category. The category of each team depends on the fixed-strength units or HQ to which assigned, or other varying conditions under which the teams may operate.

Mobility. One hundred-percent mobile, using organic aircraft and vehicles.

Detailed Breakdown of Teams

Teams FA—FG

Team FA, airplane, observation or utility

Capabilities. Can transport one passenger or 200 pounds of cargo.

Strength. WO 1 EM 1 Aggr 2

Team FB, airplane, command or utility

Capabilities. Can transport six passengers or 4,100 pounds of cargo.

Strength. Off 1 WO 1 EM 1 Aggr 3

Team FC, airplane, observation, medium

Capabilities. Can carry 204 pounds (internal) of observation equipment.

Strength. Off 1 WO 1 EM 3 Aggr 5

Team FD, helicopter, observation

Capabilities. Can transport three passengers or two litters.

Strength. WO 1 EM 1 Aggr 2

Team FE, helicopter, utility

Capabilities. Can transport 12 passengers or 3,000 pounds of cargo.

Strength. WO 2 EM 2 Aggr 4

Team FF, helicopter, medium

Capabilities. Can transport 33 passengers or 7,440 pounds of cargo (internal) or 16,000 pounds of cargo (external).

Strength. Off 1 WO 1 EM 4 Aggr 6

Team FG, helicopter, transport, heavy

Capabilities. Can transport 60 passengers or from 8 to 10 tons of cargo.

Strength. Off 1 WO 2 EM 5 Aggr 8

CHAPTER 2

CHEMICAL UNITS

3-7E Cml DS Co

Mission. To provide chemical direct support for combat units of a corps.

Assignment. Normally to corps.

Capabilities. a. At full strength, this unit provides five platoons for corps support.

(1) Each platoon can provide the following CBR services for a combat division or for corps troops on a continuing basis:

(a) Direct support maintenance for chemical equipment.

(b) Operation of a division chemical distribution supply point.

(c) Servicing of portable and mechanized flamethrowers.

(2) Each platoon can provide the following services for a combat division or for corps troops with organic equipment, as required, on a priority as established by the commander of the supported unit:

(a) Limited decontamination of critical areas and materiel and operation of one personnel decontamination station.

(b) CBR monitoring, survey, and reconnaissance to include radiological fallout surveys.

b. This unit is not adaptable to a type B organization.

c. This company is self-sufficient when operating as a unit. In normal operations, the platoons, operating separately, will not be self-sufficient and will be attached to other units for mess.

d. Individuals of this unit can fight as infantrymen, when required. This unit can defend itself and its installations against hostile ground attack.

Strength. a. Full: Off 6 EM 227

Aggr 233

b. Reduced: Off 5 EM 166

Aggr 171

Basis of allocation. One per corps.

Category. II.

Mobility. One hundred-percent mobile.

3-32G HHD, Cml Gp

Mission. To provide tactical, technical, and administrative command for Chemical Corps units.

Assignment. To field army or TALOG. May be attached to HHD, LOGCOMD B (TOE 54-102), or HHC, LOGCOMD C (TOE 54-202).

Capabilities. a. At level 1, this unit—

(1) Provides command, control, staff planning, supervision of operations, and administration for from three to seven Chemical Corps battalions or Chemical Corps units.

(2) Lands by aircraft.

b. This unit is not adaptable to a type B organization.

c. This unit depends on other units for mess, medical, and supplemental motor maintenance.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 10 WO 1

EM 38 Aggr 49

b. Level 2: Off 10 WO 1

EM 33 Aggr 44

c. Level 3: Off 9

EM 30 Aggr 39

Basis of allocation. One per field army or COMMZ.

Category. II.

Mobility. Seventy-percent mobile in organic transportation; 100-percent air transportable in medium transport aircraft.

3-36G HHD, Cml Bn, Svc

Mission. To provide command, technical, and operational supervision of chemical service units.

Assignment. To TALOG. Normally attached to HHD, LOGCOMD B (TOE 54-102), or HHC, LOGCOMD C (TOE 54-202).

Capabilities. a. At level 1, this unit provides command, control, staff planning, and administra-

tion for attached units consisting of from three to seven companies.

b. This unit is not adaptable to a type B organization.

c. This unit will be attached to, or depends on, other units for messing facilities, motor maintenance, supplemental transportation, medical service, and religious support.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 5 WO 1
EM 18 Aggr 24
b. Level 2: Off 5 WO 1
EM 16 Aggr 22
c. Level 3: Off 5 WO 1
EM 13 Aggr 19

Basis of allocation. One per TALOG.

Category. III.

Mobility. Fifty-percent mobile in organic transportation.

3-77G Cml Proc Co

Mission. a. Primary. To provide chemical impregnation and/or reimpregnation of clothing used for protection against CBR agents.

b. *Secondary.* To operate as a fixed field laundry.

Assignment. Normally to TASCOT. May be attached to a field depot.

Capabilities (when equipped with two M2A2 impregnating plants).

a. At level 1, this unit—

(1) Processes approximately 88,000 uniforms per month in climatic zones I and II.

(2) Processes approximately 64,000 uniforms per month in climatic zones III through VII.

b. At level 2, this unit—

(1) Processes approximately 70,400 uniforms per month in climatic zones I and II.

(2) Processes approximately 51,200 uniforms per month in climatic zones III through VII.

c. At level 3, this unit—

(1) Processes approximately 66,000 uniforms per month in climatic zones I and II.

(2) Processes approximately 48,000 uniforms per month in climatic zones III through VII.

d. Each platoon can operate separately and can operate a plant continuously by operating on a two-shift basis.

e. The capabilities of a type B organization are the same as those of a level 1 organization.

f. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

g. This unit depends on other units for motor maintenance, supplemental transportation, medical service, and religious support.

Strength. a. Level 1: Off 4 EM 77
Aggr 81
b. Level 2: Off 4 EM 71
Aggr 75
c. Level 3: Off 4 EM 61
Aggr 65
d. Type B. Off 4 EM 25
Aggr 29

Basis of allocation. One per 88,000 troops supported in climatic zones I and II; one per 64,000 troops supported in climatic zones III through VII.

Category. III.

Mobility. Ten-percent mobile in organic transportation.

3-97G Gen Cml Lab

Mission. a. Primary. To provide chemical testing and analysis for CBR activities in the theater of operations.

b. *Secondary.* Within priorities established by the theater commander—

(1) To provide theater laboratory development of temporary (field expedient) CBR devices and measures.

(2) To provide theater laboratory analysis of chemicals and other items either procured or stored in the theater.

Assignment. Normally to theater army and under the operational control of TASCOT. May be assigned to COSCOM of an independent corps-size force.

Capabilities. a. At level 1, this unit—

(1) Identifies chemical and radiological agents.

(2) Performs laboratory analysis of chemical and radiological agents in support of the theater intelligence mission. Identification of biological agents is a function of the medical laboratory (TOE 8-650).

(3) Within priorities established by the theater commander—

(a) Provides theater laboratory development of temporary (field expedient) CBR devices and measures in support of the theater operational mission.

(b) Provides theater laboratory analysis of chemicals and other items either procured or stored in the theater in support of the theater supply mission.

b. This unit is not adaptable to a type B organization.

c. A suitable building or buildings are required for efficient laboratory operations.

d. This unit depends on—

(1) The personnel service company (TOE 12-67) for personnel and administrative services.

(2) Other units for an adequate supply of purified water, EOD services (shell tapping and demilitarizing), mess, motor maintenance, supplemental transportation, medical service, and religious support.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation; however, the unit depends on other organizations for assistance in local security of installations against hostile ground attack.

Strength. a. Level 1: Off 10 EM 54
Aggr 64

b. Level 2: Off 10 EM 47
Aggr 57

c. Level 3: Off 10 EM 41
Aggr 51

Basis of allocation. One or more per theater of operations, as required, and one per COSCOM of an independent corps-size force.

Category. III.

Mobility. Five-percent mobile in organic transportation.

3-266G HHD, Cml Smoke Genr Bn

Mission. To provide command or operational control of chemical smoke generator companies.

Assignment. To army or TASCOC.

Capabilities. a. At level 1, this unit provides command or operational control of from four to eight chemical smoke generator companies.

b. This unit will be attached to, or depends on, other units for medical and religious support.

c. This unit is not adaptable to a type B organization.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 5 WO 2
EM 22 Aggr 29

b. Level 2: Off 5 WO 2
EM 19 Aggr 26

c. Level 3: Off 5 WO 2
EM 16 Aggr 23

Basis of allocation. Four per army.

Category. I.

Mobility. One hundred-percent mobile in organic transportation; 100-percent air transportable.

3-267G Cml Smoke Genr Co

Mission. To provide concealment of troops or installations under all operating conditions by use of smoke.

Assignment. To army and TASCOC, as required. May be attached to HHD, chemical smoke generator battalion (TOE 3-266).

Capabilities. a. At level 1, this unit provides a smoke haze from 1 to 8 kilometers in width and several kilometers in length, depending on the weather conditions.

b. At level 2, this unit provides a smoke haze from 1 to 8 kilometers in width and several kilometers in length, depending on the weather conditions, for a limited period.

c. At level 3, this unit provides a smoke haze from 1 to 6 kilometers in width and several kilometers in length, depending on the weather conditions, for a limited period.

d. This unit is not adaptable to a type B organization.

e. This unit will be attached to, or depends on, other units for medical and religious support.

f. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 5 EM 142
Aggr 147

b. Level 2: Off 5 EM 128
Aggr 133

c. Level 3: Off 5 EM 113
Aggr 118

Basis of allocation. Sixteen per army; to TASCOC, as required.

Category. I.

Mobility. One hundred-percent mobile in organic transportation; 100-percent air transportable.

3-357T Cml Mech Flame Co

Mission. To provide mechanized flame combat support for combat units of a corps.

Assignment. Normally to corps. May also be assigned to HHD, chemical group (TOE 3-32), or HHD, chemical smoke generator battalion (TOE 3-266). Company or elements thereof may be attached to infantry division (TOE 7), airborne division (TOE 57), armored division (TOE 17), infantry division (mechanized) (TOE 37), airmobile division (TOE 67), or other corps combat units.

Capabilities. a. At level 1, this unit provides full capability for execution of the stated mission to close with and destroy enemy forces or to reinforce prepared defensive positions and barriers, employing mechanized flamethrowers in coordination with other weapons organic to supported units.

b. This unit can provide the following additional support, employing organic equipment on a priority basis, as established by the commander of the supported unit:

- (1) Prepare and fill flame field expedients.
- (2) Refuel, pressurize, and service portable flamethrowers.
- (3) Decontaminate vital areas by burning.
- (4) Destroy enemy supplies and materiel by burning.
- (5) Assist in clearing minefields by burning off vegetation.

c. This unit can provide smoke support when augmented with smoke generators.

d. This unit is not adaptable to a type B organization.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

f. This unit performs organizational maintenance on its organic equipment.

- Strength.* a. Level 1: Off 6 WO 1
EM 163 Aggr 170
- b. Level 2: Off 6 WO 1
EM 146 Aggr 153
- c. Level 3: Off 6 WO 1
EM 132 Aggr 139

Basis of allocation. One per corps.

Category. I.

Mobility. One hundred-percent mobile in organic transportation.

3-500G Cml Svc Org

Mission. Cellular teams are provided by this TOE to perform CBR decontamination, CBR agent sampling and analysis, CBR reconnaissance, CBR element support for various HQ, mechanized flamethrower support to independent forces, and CBR staffing.

Assignment. To a field or theater army or commands of a theater army, as required. Suitable elements may be attached to subordinate commands or organized into composite service units, as required.

Capabilities. a. Individual team capabilities are as indicated in the detailed breakdown of teams below.

b. These teams are not adaptable to levels 2 and 3 or to a type B organization.

c. The teams can be landed by aircraft.

d. Composite service organization (TOE 29-500) provides appropriate administrative teams required for control purposes of two or more teams listed herein when not otherwise attached or assigned.

e. Individuals of this organization can engage in effective, coordinated defense of their area or installation.

f. These detachments depend on other units for mess, administration, organizational maintenance, and supply support.

Strength. See individual teams below for strengths.

Basis of allocation. As indicated in the detailed breakdown of teams below.

Category. The category of each team depends on the unit to which assigned or attached and the conditions under which the team will operate.

Mobility. The mobility of units organized from these teams depends on the combination of teams selected. All teams except team LB are 100-percent mobile in organic transportation. All teams are 100-percent air transportable.

Detailed Breakdown of Teams**Decontamination Teams****Teams FA and FB****Team FA, decontamination**

Capabilities. a. Provides field CBR decontamination of terrain and materiel to support a brigade or equivalent-size unit and/or 8,000 troops using the decontaminants listed below.

b. Provides emergency field CBR decontamination for approximately 240 individuals per hour.

c. Is adaptable for firefighting and mobile shower service.

	Smooth surface (roads, etc.) (m ² /hr)	Short grass (m ² /hr)	Bush (m ² /hr)	Metal surfaces (m ² /hr)
Slurry (from 400-gallon, power-driven, truck-mounted decontaminating apparatus).	2,775	1,350	885	Not recommended; may be used, if necessary.
Hot, soapy water (from 400-gallon power-driven, truck-mounted decontaminating apparatus).	NA	NA	NA	255 (used for nerve gases and biological agents).

Strength. Off 1 EM 21 Aggr 22

Basis of allocation. One per armored cavalry regiment, separate brigade, or equivalent-size unit.

Team FB, decontamination

Capabilities. a. Provides field CBR decontamination of terrain and materiel to support a division or equivalent-size unit and/or 16,000 troops using the decontaminants listed below.

b. Provides emergency field CBR decontamination for approximately 480 individuals per hour.

c. Is adaptable for firefighting and mobile shower service.

	Smooth surface (roads, etc.) (m ² /hr)	Short grass (m ² /hr)	Bush (m ² /hr)	Metal surfaces (m ² /hr)
Slurry (from 400-gallon, power-driven, truck-mounted decontaminating apparatus).	5,500	2,700	1,770	Not recommended; may be used, if necessary.
Hot, soapy water (from 400-gallon power-driven, truck-mounted decontaminating apparatus).	NA	NA	NA	310 (used for nerve gases and biological agents).

Strength. Off 1 EM 40 Aggr 41

Basis of allocation. One per division or equivalent-size unit.

CBR Element Teams

Teams JA and JB

Team JA, CBR element

Capabilities. Provides the equivalent of one-shift (12 hours) capability to an already existing organizational CBR element.

Strength. Off 1 EM 4 Aggr 5

Basis of allocation. One per division, separate brigade, or equivalent and higher HQ, as re-

quired, to augment organic CBR element for 24-hour operation.

Team JB, CBR element

Capabilities. Provides two-shift (24 hours) CBR element support to an HQ with no organic CBR element capability. Capabilities and functions performed are as outlined in FM 21-40.

Strength. Off 2 EM 8 Aggr 10

Basis of allocation. One per HQ of division, separate brigade, or equivalent and larger size unit with no organic CBR element capability.

CBR Sampling and Analysis Team

Team KA, CBR agent sampling and analysis team

Capabilities. This team in the field can sample and identify chemical agents in the form of solids, liquids, aerosols, and vapors from water, air, and soil contamination. The team can also collect radiological agents on surfaces or in soil. In addition to identifying specific chemical agents, the team, using the M19 kit, can identify functional components of unknown chemicals, thereby indicating the type of "family" of the unknown chemical agent.

Strength. Off 1 EM 1 Aggr 2

Basis of allocation. One or more to an arm and/or equivalent and higher HQ, as required.

CBR Reconnaissance Teams

Teams LA and LB

Team LA, CBR reconnaissance

Capabilities. Performs CBR reconnaissance of the site of a nuclear, chemical, or biological attack and furnishes essential data to the commander. The team has little capability for evaluating the collected information and will function most effectively when receiving instructions from, and reporting to, a CBR element or comparable organization. The team will also make reports to other HQ, as required.

Strength. Off 1 EM 4 Aggr 5

Basis of allocation. One or more to an armored cavalry regiment and/or equivalent and higher HQ, as required.

Team LB, CBR reconnaissance, special forces

Capabilities. Provides CBR technically qualified personnel and lightweight portable equipment for collecting, examining, and identifying CBR agents. The team capabilities include photographing and reporting on elements of CBR technical intelligence (e.g., enemy CBR supplies and equipment, techniques, and tactics); expedites the

flow of captured materiel and intelligence reports; and performs CBR reconnaissance of a nuclear, chemical, or biological attack site. Teams may be landed by parachute.

Strength. Off 1 EM 5 Aggr 6

Basis of allocation. One or more, as required, to provide CBR detection, reconnaissance, and technical intelligence capabilities to special forces units employed in unconventional warfare.

Mobility. This team depends on the capture or confiscation of vehicles within a denied area during limited and general war and requires vehicle augmentation during internal defense assistance operations (no organic vehicles authorized).

Mechanized Flamethrower Teams Teams NA and NB

Team NA, mechanized flamethrower

Capabilities. Provides mechanized flame support to a maneuver force of battalion or equivalent size. Is adaptable for employment of tactical riot control agents, munitions, and equipment and/or other chemical combat support, as required. This team requires augmentation for organizational maintenance by attachment of appropriate cells from TOE 29-600 series.

Strength. Off 1 EM 10 Aggr 11

Basis of allocation. Normally one per group, brigade, or separate brigade when not provided mechanized flame support from other sources, e.g., chemical mechanized flame company (TOE 3-357). May be used to augment capabilities of team NB or chemical mechanized flame company (TOE 3-357) on an as-required basis.

Team NB, mechanized flamethrower

Capabilities. Provides mechanized flame support to an infantry, infantry (mechanized), armored, airborne, or airmobile division. Is adaptable for employment of tactical riot control agents, munitions, and equipment and/or other chemical combat support, as required. This team requires augmentation for organizational maintenance by attachment of appropriate cells for TOE 29-600 series.

Strength. Off 1 EM 28 Aggr 29

Basis of allocation. Normally one per division when not provided mechanized flame support from other sources, e.g., chemical mechanized flame company (TOE 3-357). May be used to augment capabilities of chemical mechanized flame company (TOE 3-357) on an as-required basis.

CBR Staff Team

Team OA, CBR staff (special forces)

Capabilities. Provides CBR staff services personnel to an HQ of contingency- or independent-type forces not authorized chemical personnel. This team provides the CBR technical knowledge and performs advisory and planning services for the unit to which assigned. Teams may be landed by parachute.

Strength. Off 1 EM 2 Aggr 3

Basis of allocation. One per group, brigade, or equivalent HQ assigned CBR missions. (For special forces organizations, this would be the SFOB, which is the controlling HQ of deployed special forces detachments.)

CHAPTER 3

ENGINEER UNITS

5—35G Engr Cbt Bn, Army or Corps

Mission. a. To increase the combat effectiveness of corps and army by means of engineer combat support and general engineer work.

b. To reinforce divisional engineer units, when required.

c. To perform infantry combat missions, when required.

Assignment. To corps or army, with normal attachment to an engineer combat group.

Capabilities. a. At level 1, this unit—

(1) Provides engineer staff planning and supervises organic and attached engineer troops.

(2) Performs engineer reconnaissance and produces engineer intelligence.

(3) Constructs, repairs, and maintains roads, fords, culverts, landing strips, heliports, command posts, supply installations, buildings, structures, and related facilities.

(4) Plans and prepares sites and supervises ADM teams (TOE 5-570) in preparing and firing ADM.

(5) Prepares and removes obstacles to include minefields.

(6) Installs and operates field potable-water supply facilities.

(7) Constructs and places deceptive devices and gives technical assistance in camouflage operations.

(8) Prepares sites for air defense artillery units.

(9) Constructs defensive installations.

(10) Engages in river-crossing operations to include assault crossing of troops and construction of tactical rafts and bridges.

(11) Participates in amphibious operations as part of the shore party to perform engineer tasks.

(12) Participates in the assault of fortified positions.

(13) Provides unit to undertake and carry out an infantry combat mission, when required.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 37 WO 4
EM 795 Aggr 836

b. Level 2: Off 36 WO 4
EM 712 Aggr 752

c. Level 3: Off 29 WO 4
EM 636 Aggr 669

Basis of allocation. Normally eight per corps and 12 per field army.

Category. I.

Mobility. One hundred-percent mobile in organic transportation; 100-percent air transportable in heavy transport aircraft.

Components. a. One HHC (TOE 5-36G).

b. Four engineer combat companies (TOE 5-37G).

5-36G HHC, Engr Cbt Bn, Army or Corps

Mission. a. HQ. To provide command and staff for the engineer combat battalion, army or corps.

b. HQ company. To provide an alternate command post, administration, operational control, communications, reconnaissance, engineer intelligence, supply, organizational maintenance support, supplemental engineer and ordnance construction equipment, and medical service for the battalion; to provide for the production and supply of potable water for the corps or army; and to provide combat support by planning and preparing for the employment and firing of ADM.

c. To undertake infantry combat missions, when required.

Assignment. Organic to engineer combat battalion, army or corps (TOE 5-35).

Capabilities. a. At level 1, this unit provides —

(1) Command, staff planning, and supervision of battalion operations, including attached engineer troops.

(2) Engineer reconnaissance and intelligence service for the engineer battalion and the army or corps.

(3) Limited ADM support to the army or corps by planning for the employment of ADM. Full support, including the firing, is provided when augmented by ADM teams (TOE 5-570), as required.

(4) Water purification and supply with five water points.

(5) Organizational maintenance and repair support for equipment of the battalion.

(6) Supplemental construction equipment for subordinate units and a vertical construction reinforcement capability.

(7) Battalion administration and supply service.

(8) Unit-level medical service to include emergency medical treatment and evacuation operation of a battalion aid station, supervision of sanitation, and furnishing of company aidmen.

(9) Radio and wire communications for the battalion.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 17 WO 4
EM 203 Aggr 224

b. Level 2: Off 16 WO 4
EM 192 Aggr 212

c. Level 3: Off 13 WO 4
EM 176 Aggr 193

Basis of allocation. One per engineer combat battalion, army or corps (TOE 5-35).

Category. I.

Mobility. One hundred-percent mobile in organic transportation; 100-percent air transportable in heavy transport aircraft.

5-37G Engr Cbt Co, Army or Corps

Mission. a. To provide an operating component of the engineer combat battalion to perform engineer work in support of the field army.

b. To undertake and carry out infantry combat missions, when required.

Assignment. Organic to engineer combat battalion, army or corps (TOE 5-35).

Capabilities. a. At level 1, this unit—

(1) Performs combat engineering tasks and, when reinforced with additional heavy equipment, can execute more complex engineer work.

(2) Prepares sites and assists attached cellular-type ADM teams in preparing and firing ADM.

(3) Constructs, repairs, and maintains combat roads, fords, culverts, landing strips, heliports, field command posts, and supply installations.

(4) Prepares and removes obstacles to include minefields.

(5) Constructs and places deceptive devices.

(6) Prepares sites for air defense artillery units.

(7) Constructs defensive installations.

(8) Assists in river-crossing operations to include assault crossing of troops and construction of tactical rafts and bridges.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 5 EM 148
Aggr 153

b. Level 2: Off 5 EM 130
Aggr 135

c. Level 3: Off 4 EM 115
Aggr 119

Basis of allocation. Four per engineer combat battalion, army or corps (TOE 5-35).

Category. I.

Mobility. One hundred-percent mobile in organic transportation; 100-percent air transportable in medium transport aircraft.

5-38G Engr Cbt Co, USAMICOM, Air Transportable

Mission. a. To provide an operating component to perform engineer work in support of the U.S. Army missile command, air transportable.

b. To perform infantry combat missions, when required.

Assignment. Organic to U.S. Army missile command, air transportable (TOE 39-51).

Capabilities. a. At level 1, this unit—

(1) Performs combat engineer missions to include heavy engineer tasks when reinforced with additional heavy equipment.

(2) Purifies up to 1,200 gallons of potable water per hour and provides storage facilities for 9,000 gallons.

(3) Fields one topographic survey party to provide second-order survey data for the missile command.

(4) Prepares and executes conventional demolitions and ADM when augmented by team MC (TOE 5-570).

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 5 WO 1
EM 186 Aggr 192

b. Level 2: Off 5 WO 1
EM 166 Aggr 172

c. Level 3: Off 5 WO 1
EM 148 Aggr 154

Basis of allocation. One per U.S. Army missile command, air transportable (TOE 39-51).

Category. I.

Mobility. One hundred-percent mobile in organic transportation.

5-52G HHC, Engr Cbt Gp **HHC, Abn Engr Cbt Gp**

Mission. a. To command assigned or attached units.

b. To plan and coordinate the operations of a group that may consist of engineer combat or construction battalions and other assigned or attached units engaged in engineer support activities.

Assignment. To corps or army, with normal attachment to an engineer brigade, corps, airborne corps, or army.

Capabilities. a. At level 1, this unit—

(1) Provides staff planning and supervises operations of assigned and attached units.

(2) Performs engineer reconnaissance by air and ground means; supervises engineer intelligence collection activities; and evaluates and disseminates engineer intelligence.

(3) Provides rotary-wing aircraft for support of reconnaissance and combat support activities for the group.

(4) Plans for employment of ADM and conventional demolitions.

(5) Supervises and assists in administration, supply (to include resupply of ADM), mess,

and maintenance matters of assigned and attached units.

(6) Provides a group message center and supervises the group communication operations.

(7) Supervises unit medical service within the group.

b. Preventive medical field services are provided by medical teams from TOE 8-500.

c. This unit is not adaptable to a type B organization.

d. Individuals of this organization, except chaplain and surgeon, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 16 WO 13
EM 85 Aggr 114

b. Level 2: Off 15 WO 13
EM 80 Aggr 108

c. Level 3: Off 12 WO 11
EM 73 Aggr 96

Basis of allocation. One per four to seven engineer battalions.

Category. II.

Mobility. One hundred-percent mobile in organic transportation; 100-percent air transportable in medium transport aircraft.

5-54G Engr LE Co, Abn

Mission. To support airborne engineer combat operations with manned engineer construction equipment.

Assignment. To airborne corps.

Capabilities. a. At level 1, this unit provides

(1) Construction equipment support for one engineer combat group in an airborne operation.

(2) Construction equipment support for an airborne division engineer battalion in developing an airhead.

(3) A Group/dump truck capability of 125 cubic yards or equivalent tonnage per lift.

(4) Two-shift operation of all engineer construction equipment.

b. This unit may be landed by parachute and all types of medium assault aircraft.

c. This unit is not adaptable to a type B organization.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

- Strength.* a. Level 1: Off 7 EM 207
Aggr 214
b. Level 2: Off 7 EM 185
Aggr 192
c. Level 3: Off 7 EM 162
Aggr 169

Basis of allocation. One per airborne corps.

Category. II.

Mobility. One hundred-percent mobile in organic transportation; 100-percent air transportable in medium assault-type aircraft. The 100-percent ground mobility is contingent on the use of 2½-ton dump trucks as tow vehicles for the cranes and rock crusher.

5-58G Engr LE Co

Mission. To support engineer combat operations with manned engineer construction equipment.

Assignment. To army or corps, with normal attachment to the engineer combat group.

Capabilities. a. At level 1, this unit provides

(1) Construction equipment support for from one to three engineer combat battalions engaged in general engineer combat construction operations.

(2) Construction equipment support for divisional engineer combat battalions, when required.

(3) Two-shift operation of selected items of equipment.

(4) Organizational maintenance for organic equipment; when geographical, operational, or combat requirements necessitate, direct support maintenance of engineer equipment will be provided by the attachment of a direct support maintenance cellular team.

(5) A capability to transport 75 cubic yards of bulk material per trip, on a single-shift basis, when not conducting quarrying operations.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

- Strength.* a. Level 1: Off 6 EM 206
Aggr 212
b. Level 2: Off 6 EM 185
Aggr 191
c. Level 3: Off 6 EM 160
Aggr 166

Basis of allocation. One per engineer combat group.

Category. II.

Mobility. One hundred-percent mobile in organic transportation.

5-64G Engr Aslt Brg Co, Mbl

Mission. To provide personnel and equipment to transport, erect, operate, and maintain floating, steam-crossing equipment in support of tactical operations.

Assignment. To field army or separate corps, with normal attachment to an engineer combat group (TOE 5-52).

Capabilities. a. At level 1, this unit provides

(1) From combinations of organic equipment, various floating bridges or ferries that can be constructed, e.g.:

- (a) One 698-foot class-60, or
- (b) Two 386-foot class-60, or
- (c) Three 282-foot class-60, or
- (d) Six 178-foot class-60 ferries.

(2) Engineer reconnaissance for site selection, routes, and underwater reconnaissance in conjunction with the erection of tactical bridging.

(3) The capability to replace mobile assault float bridge elements of a decimated or destroyed divisional bridge company (TOE 5-148). Supplements the capability of the divisional bridge company for assault crossings.

(4) Organizational maintenance for organic equipment and direct support maintenance for mobile assault bridging equipment.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

- Strength.* a. Level 1: Off 6 WO 1
EM 198 Aggr 205
b. Level 2: Off 6 WO 1
EM 177 Aggr 184
c. Level 3: Off 5 WO 1
EM 161 Aggr 167

Basis of allocation. Normally two per corps.

Category. I.

Mobility. One hundred-percent mobile in organic transportation.

5-67G Engr WS Co

Mission. To produce and distribute potable water in the field.

Assignment. a. To theater army, with normal attachment to the ENCOM or an engineer construction brigade.

b. To field army, with normal attachment to an engineer combat brigade, army.

Capabilities. a. At level 1, this unit—

(1) Provides personnel and equipment for operating nine separate water supply points.

(2) Provides approximately 27,000 gallons of potable water per hour with organic purification equipment.

(3) Provides four 2,000-gallon semitrailer water tanks and twelve 1,000-gallon tank trucks capable of transporting 20,000 gallons from source to distribution points in one lift.

(4) Reconnoiters for water sources and plans the location and layout of water supply points and installations.

(5) Provides limited rehabilitation and operation of civilian water supply facilities in territory under military control.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. Capability for the production and distribution of potable water may be increased, when required, by the attachment of appropriate teams from TOE 5-520.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

e. This unit can perform organizational maintenance on organic equipment.

Strength. a. Level 1: Off 5 EM 119
Aggr 124

b. Level 2: Off 5 EM 108
Aggr 113

c. Level 3: Off 5 EM 96
Aggr 101

d. Type B: Off 5 EM 71
Aggr 76

Basis of allocation. One per field army or one per 400,000 troops in a theater army.

Category. II.

Mobility. One hundred-percent mobile.

5-77G Engr Pnl Brg Co

Mission. a. To provide personnel and equipment to load, transport, maintain, and advise on erection of panel bridging equipage.

b. To provide dump trucks for earthmoving and general hauling, when required, by immobilizing bridge loads.

Assignment. To field army or separate corps. Normally attached to an engineer combat group.

Capabilities. a. At level 1, this unit provides

(1) One panel (Bailey) bridge set with sufficient components for the erection of the following bridges:

(a) Two 80-foot (24-meter) double-truss, single-story, or

(b) One 160-foot (48-meter) double-truss, single-story, or

(c) One 130-foot (39-meter) double-truss, double-story.

(2) Technical supervision to assist other engineer units in bridge construction.

(3) Emergency construction of bridges with organic personnel at a reduced rate.

(4) Five-ton dump trucks for earthmoving and general cargo hauling with a 145-ton capacity per lift when bridging is immobilized.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 3 WO 1
EM 125 Aggr 129

b. Level 2: Off 3 WO 1
EM 113 Aggr 117

c. Level 3: Off 3 WO 1
EM 98 Aggr 102

d. Type B: Off 3 WO 1
EM 105 Aggr 109

Basis of allocation. Twelve to 15 per field army.

Category. II.

Mobility. One hundred-percent mobile.

5-78G Engr Fltbrg Co

Mission. a. To provide technical personnel and equipment to load, maintain, transport, and supervise erection of tactical stream-crossing equipage.

b. To provide general cargo hauling in emergencies by immobilizing bridge loads.

Assignment. To field army or separate corps. Normally attached to an engineer combat group.

Capabilities. a. At level 1, this unit provides

(1) Approximately 700 feet of bridge or five four-float and five five-float rafts or combinations of bridges and rafts when issued the M4T6 bridge.

(2) Approximately 670 feet of 60-ton floating bridge, or five rafts of varying capacities when issued the class-60 bridge.

(3) One light bridge approximately 250 feet long, with a maximum capacity of class 16, or a number of shorter bridges of similar capacity; or six class-12 ferries.

(4) Light stream-crossing equipage, consisting of assault boats and a footbridge, in support of tactical river-crossing operations.

(5) Technical supervision to assists other engineer units in bridge construction.

(6) Emergency construction of bridges or rafts with organic personnel at a reduced rate.

(7) Five-ton and 2½-ton vehicles for cargo hauling by immobilizing bridging.

(8) Two reconnaissance teams for selection of bridge sites, marking, and assistance in river-crossing operations to include underwater surveillance, rigging, repair, demolitions, and installation of antidebris and antimine booms.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 7 WO 1

EM 226 Aggr 234

b. Level 2: Off 7 WO 1

EM 202 Aggr 210

c. Level 3: Off 6 WO 1

EM 175 Aggr 182

Basis of allocation. Fifteen per field army.

Category. II.

Mobility. One hundred-percent mobile.

5-87T Engr Land-Clr Co

Mission. a. To destroy or clear extensive dense vegetation in critical areas to deny their use by the enemy as bases of operation, supply bases, marshaling areas, ambush sites, and cover and concealment.

b. To clear dense vegetation from areas adjacent to friendly installations to improve installation security by providing observation and fields of fire and to reduce ambush probability along land lines of communications.

Assignment. To army or corps for further assignment to an engineer combat brigade (TOE 5-101). Normally attached to an engineer combat group (TOE 5-52).

Capabilities. a. At level 1, this unit—

(1) Provides 30 medium-tracked tractors for mounting up to 30 treedozer blades, or combinations of bulldozer and treedozer blades.

(2) Employs the chain-clearing technique in areas covered by widely spaced trees of uniform size with no major taproots and for clearing underbrush from narrow, wet gullies.

(3) Employs heavy disc harrows for clearing areas of small (2-to 3-inch) trees and underbrush and for regrowth control.

(4) Provides two shifts of tractor operators for continuous land-clearing operations during daylight hours.

(5) Provides command, control, and coordination for company-, platoon-, or section-size land-clearing operations.

(6) Provides technical advice on land-clearing operations.

(7) Performs organizational maintenance on all equipment organic to the company.

(8) Performs direct support maintenance on

(a) Chain saws.

(b) Compressors.

(c) Grinding machines.

(d) Harrows.

(e) Tracked tractors and attachments.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

d. This unit depends on the supported tactical element for worksite security.

e. When this unit is not engaged in land-clearing operations, it can provide earthmoving support to augment divisional or corps and army engineer combat battalions, as required.

Strength. a. Level 1: Off 5 WO 1

EM 171 Aggr 177

b. Level 2: Off 5 WO 1

EM 148 Aggr 154

c. Level 3: Off 5 WO 1

EM 129 Aggr 135

Basis of allocation. As required to provide land-clearing support for corps or field army.

Category. II.

Mobility. a. For tactical movements, approximately 30-percent mobile in organic vehicles.

b. Sixty-percent mobile in organic vehicles when using two lifts in administrative movement.

c. Additional special-purpose vehicles, by type and number listed below, are required for displacement of organic equipment.

(1) Truck tractor, 10-ton, and semitrailer, low-bed, 25-ton—22 each for one-lift tactical movement.

(2) Truck tractor, 10-ton, and semitrailer, low-bed, 25-ton—six each for two-lift administrative movement.

5-97G Engr Cam Co

Mission. To plan, supervise, and inspect camouflage installations, including deceptive devices, and to supervise and inspect camouflage discipline and training.

Assignment. To corps, with normal attachment to an engineer combat brigade.

Capabilities. a. At level 1, this unit—

(1) Provides instruction teams for camouflage training of units and organizations in assigned areas.

(2) Prepares instructional camouflage materials to include signs, posters, etc., as required.

(3) Plans, constructs, or supervises the construction of camouflage installations.

(4) Inspects camouflage installations in area of assignment.

(5) Advises units on camouflage and inspects camouflage discipline and training.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. This unit depends on the HQ to which assigned or attached for chaplain and medical services.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 5 EM 69
Aggr 74

b. Level 2: Off 5 EM 61
Aggr 66

c. Level 3: Off 5 EM 53
Aggr 58

d. Type B: Off 5 EM 55
Aggr 60

Basis of allocation. One per corps.

Category. III.

Mobility. Eighty-five-percent mobile in organic equipment; 100-percent air transportable in medium transport aircraft.

5-101G HHC, Engr Cbt Bde, Army, Corps, or Abn Corps

a. Mission. To command assigned and attached units and coordinate the combat engineer activities within the appropriate command.

b. To provide an engineer staff section to either an army or corps HQ.

Assignment. One per army; one per corps.

Capabilities. a. At level 1, this unit—

(1) Provides staff planning and operational supervision of all assigned and attached units.

(2) Plans and supervises operations pertaining to topographic and terrain intelligence.

(3) Provides the engineer staff to an army or corps HQ, as appropriate.

(4) Supervises and coordinates planning for the preparation and firing of ADM.

(5) Provides rotary-wing aircraft to facilitate the command, control, and coordination of engineer combat activities.

(6) Provides engineer staff representatives to the tactical operations center on a 24-hour basis.

b. This unit is not adaptable to a type B organization.

c. When augmented by team IA (topographic planning and control) (TOE 5-540), can provide overall mapping and engineer intelligence planning as well as the control, coordination, and supervision of topographic support to the field army.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

e. This unit depends on other supporting army or corps elements for personnel, legal, and medical services and communication facilities, when requirements exceed organic capability.

Strength. a. When organized as HHC, engineer combat brigade, army:

(1) Level 1: Off 40 WO 5
EM 101 Aggr 146

(2) Level 2: Off 38 WO 5
EM 91 Aggr 134

(3) Level 3: Off 35 WO 5
EM 81 Aggr 121

b. When organized as HHC, engineer combat brigade, corps or airborne corps:

- (1) Level 1: Off 28 WO 4
EM 86 Aggr 118
- (2) Level 2: Off 27 WO 4
EM 77 Aggr 108
- (3) Level 3: Off 27 WO 4
EM 66 Aggr 97

Basis of allocation. One per army; one per corps for the command of two or three engineer groups.

Category. II.

Mobility. Fifty-three-percent mobile in organic transportation.

5-107G Engr Co, Sep Inf Bde

Mission. a. To increase the combat effectiveness of the separate infantry brigade by providing engineer combat support.

b. To undertake and carry out a limited infantry combat mission, when required.

Assignment. Organic to separate infantry brigade (TOE 7-100).

Capabilities. a. At level 1, this unit provides

- (1) Engineer staff planning and supervision for organic and attached troops.
- (2) Engineer support for two combined arms teams formed from separate brigade units.
- (3) Capability to complete engineer combat tasks and, when reinforced with additional heavy equipment, to execute more complex engineer works.

(4) ADM support, when reinforced with ADM teams (TOE 5-570).

(5) Armored vehicle launched bridging equipment to span wet or dry gaps 60 feet or less in width, depending on soil-bearing conditions, for two separate assault crossings.

(6) When equipped with mobile assault bridging equipment, provides equipment to erect 334 feet of class-60 self-propelled ferries consisting of two 178-foot ferries or 282 feet of class-60 floating bridge.

(7) When equipped with M4T6 or class-60 bridging equipment:

(a) When issued the M4T6 bridge, provides approximately 280 feet of class-50 floating bridge or four class-50 rafts. Bridge components may be used to construct short, fixed spans.

(b) When issued the class-60 bridge, provides approximately 270 feet of class-60 floating

bridge or two class-45 four-float rafts, or two class-60 five-float reinforced rafts and/or combinations of bridge and rafts. Bridge components may be used to construct short, fixed spans.

(8) Light stream-crossing equipage to support an infantry company in a river crossing when amphibious vehicles cannot be used, are not available, or river conditions preclude use of mobile amphibious bridge or ferry vehicles. Equipment includes—

(a) Nine assault boats and six reconnaissance boats to carry one infantry company by waterborne assault.

(b) Light tactical bridge equipage to provide the following options:

- 1. One class-12 ferry, or
- 2. One class-12 bridge approximately 44 feet long, or
- 3. Four pontoons powered by outboard motors to be used as storm boats.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

d. This unit depends on—

(1) The HHC, separate infantry brigade (TOE 7-102), for unit-level medical support.

(2) The administration company (TOE 12-177) for personnel and religious services.

Strength. a. When equipped with mobile assault bridging equipment:

- (1) Level 1: Off 6 WO 1
EM 250 Aggr 257
- (2) Level 2: Off 6 WO 1
EM 230 Aggr 237
- (3) Level 3: Off 6 WO 1
EM 202 Aggr 209

b. When equipped with M4T6 or class-60 bridging equipment:

- (1) Level 1: Off 6 WO 1
EM 253 Aggr 260
- (2) Level 2: Off 6 WO 1
EM 229 Aggr 236
- (3) Level 3: Off 6 WO 1
EM 197 Aggr 204

Basis of allocation. One per separate infantry brigade (TOE 7-100).

Category. I.

Mobility. One hundred-percent mobile.

5-111G HHC, Engr Const Bde

Mission. To command assigned and attached units and coordinate the engineer construction activities within the appropriate command.

Assignment. Normally to the TASCOT.

Capabilities. a. At level 1, this unit provides

(1) Command and supervision of from two to four engineer construction groups and other assigned or attached units.

(2) Overall planning and direction of the engineer effort in establishing bases and lines of communications. This includes airfields, ports, roads, depots, hospitals, troop camps, prisoner of war compounds, and administrative and POL storage and distribution facilities.

(3) Preparation of operational plans, project plans, designs, and construction directives; allocation of troops and materiel to projects; and technical direction and supervision of units engaged in the brigade construction program.

(4) Control HQ for a separate task force to plan, design, supervise, and coordinate major construction projects.

(5) Rotary-wing aircraft to facilitate reconnaissance and construction support activities.

b. This unit is not adaptable to a type B organization.

c. When supported by team HB (TOE 5-530), this unit can design large pipelines and installations for the distribution and storage of POL.

d. Individuals of this organization, except medical personnel and chaplain, can engage in effective, coordinated defense of the unit's area or installation.

e. This unit depends on other supporting TASCOT elements for personnel, legal, and medical services and communication facilities, when requirements exceed organic capability.

f. This unit can perform organizational maintenance on organic equipment.

Strength. a. Level 1: Off 28 WO 4
EM 100 Aggr 132

b. Level 2: Off 28 WO 4
EM 87 Aggr 119

c. Level 3: Off 28 WO 4
EM 75 Aggr 107

Basis of allocation. One per two to four engineer construction groups.

Category. III.

Mobility. Sixty-six-percent mobile.

5-112G HHC, Engr Const Gp

Mission. a. To command, control, and supervise assigned or attached units.

b. To perform engineer planning and design functions required in support of field construction.

c. To plan and coordinate the operation of a group consisting of construction or other units engaged in field construction, rehabilitation, or maintenance of facilities in support of Army or USAF operations.

Assignment. Normally to an ENCOM, engineer construction brigade, or TASCOT.

Capabilities. a. At level 1, this unit—

(1) Controls from three to five engineer construction battalions and supporting engineer service units.

(2) Designs, plans, and provides supervision required for the construction or rehabilitation of routes of communications, buildings, and installations; forward cargo and tactical airfields; heliports; limited petroleum storage and distribution facilities; and limited port and railroad facilities.

(3) Assigns projects to subordinate units, allocates troops, and distributes and coordinates construction equipment and materials.

(4) Provides rotary-wing aircraft for support of reconnaissance and construction activities.

(5) Provides organizational maintenance and repair support for equipment of the unit.

b. This unit depends on the medical detachment of higher HQ or the medical detachment of assigned battalions for its unit medical support.

c. This unit is not adaptable to a type B organization.

d. Individuals of this organization, except chaplain, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 15 WO 7
EM 81 Aggr 103

b. Level 2: Off 14 WO 7
EM 75 Aggr 96

c. Level 3: Off 14 WO 6
EM 66 Aggr 86

Basis of allocation. Normally one per three to five engineer construction battalions (TOE 5-115) and supporting assigned or attached troops.

Category. II.

Mobility. Seventy-five-percent mobile in organic equipment; 100-percent air transportable in medium transport aircraft.

5-114G Engr Const Spt Co

Mission. To provide rock-crushing, bituminous-mixing, paving, and other construction support equipment and operators to increase the capabilities of the construction group in major horizontal construction projects such as highways, storage facilities, and airfields.

Assignment. Normally to TASCOT for further assignment to the ENCOM. Normally attached to an engineer construction group (TOE 5-112).

Capabilities. a. At level 1, this unit provides—

- (1) Support to one engineer group engaged in construction projects.
- (2) Seventy-five tons per hour of crushed rock and sand from rock quarries and gravel pits.
- (3) Seventy-five tons per hour of washed and sized precrushed rock.
- (4) One hundred and twenty tons per hour of bituminous mixes and blends for paving projects.
- (5) Equipment and operators to support construction operations (less bituminous) on a two-shift basis.
- (6) Equipment and personnel to conduct quarrying operations on a two-shift basis.
- (7) Equipment and technical personnel for one-shift bituminous-paving operations.
- (8) Organizational maintenance for all organic equipment and direct support maintenance for organic engineer equipment.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

- Strength.* a. Level 1: Off 5 WO 1
EM 160 Aggr 166
- b. Level 2: off 5 WO 1
EM 148 Aggr 154
- c. Level 3: Off 5 WO 1
EM 122 Aggr 128
- d. Type B: Off 5 WO 1
EM 119 Aggr 125

Basis of allocation. One per engineer construction group (TOE 5-112).

Category. II.

Mobility. Approximately 50-percent mobile in organic transportation.

5-115G Engr Const Bn

Mission. To construct and rehabilitate roads, airfields, pipeline systems, structures, and utilities for the Army and the USAF in the COMMZ and rear areas of the combat zone and to assist in emergency recovery operations.

Assignment. To TASCOT for further assignment to the ENCOM. Normally attached to an engineer construction group.

Capabilities. a. At level 1:

(1) With organic units, the battalion provides—

- (a) Construction or rehabilitation of routes of communications, bridges, forward tactical and cargo airfields, and heliports.
- (b) General construction of buildings, structures, and related facilities.
- (c) Limited reconstruction of railroads, railroad bridges, and ports.
- (d) Limited bituminous paving.
- (e) Minor protective construction.
- (f) Medical service for the battalion to include emergency medical treatment; operation of a battalion aid station; evacuation of sick and injured personnel, when practicable; and supervision of sanitation in the battalion.

(2) When supported by attachments of specialized personnel and equipment, the battalion provides—

- (a) Large-scale bituminous-paving operations (construction support company).
- (b) Large-scale portland cement-paving operations (concrete mixing and paving team).
- (c) Large-scale quarrying and crushing operations (construction support company and quarrying and processing team).
- (d) Major reconstruction of railroads and railroad bridges.
- (e) Major rehabilitation of ports (port construction company and dredge teams).
- (f) Major protective construction.
- (g) Construction of pipelines and storage tanks (pipeline construction support company).

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. Individuals of this organization, except chaplain and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

- Strength.* a. Level 1: Off 31 WO 7
EM 897 Aggr 935

- b. Level 2: Off 30 WO 7
EM 806 Aggr 843
- c. Level 3: Off 27 WO 7
EM 713 Aggr 747
- d. Type B: Off 31 WO 7
EM 664 Aggr 702

Basis of allocation. Two to four per engineer construction group.

Category. II.

Mobility. Eighty-seven-percent mobile in organic transportation; 100-percent air transportable in heavy transport aircraft.

Components. a. One HHC (TOE 5-116G).

b. One engineer equipment and maintenance company (TOE 5-117G).

c. Three engineer construction companies (TOE 5-118G).

5-116G HHC, Engr Const Bn

Mission. To provide command, construction planning, direction, coordination, and control of the engineer construction battalion and attached units.

Assignment. Organic to engineer construction battalion (TOE 5-115).

Capabilities. a. At level 1, this unit provides—

(1) Command and staff functions for the battalion.

(2) Administrative, supply, and medical services to units in the battalion.

(3) Ground reconnaissance and preliminary and final surveys for battalion projects.

(4) Design and detailed plans, construction layouts, site adaptations, and bills of materials.

(5) Technical advice, direction, and overall supervision for construction projects.

(6) Battalion communications and wire communications for subordinate units.

(7) Engineer intelligence for the battalion.

(8) Guidance in determining the equipment requirements of the companies and effecting temporary interchanges when operational requirements so dictate.

(9) Construction and utility personnel support for special projects and for supervision of the construction forces of the battalion, contract labor, or indigenous personnel.

(10) Two water points for supplying potable and nonpotable water in support of battalion construction operations and potable water for other units, as required.

(11) Administration, supply, company-level organizational maintenance, and mess for the company; also provides personnel administration for attached units.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. Individuals of this organization, except chaplain and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 13 WO 2
EM 110 Aggr 125

b. Level 2: Off 12 WO 2
EM 102 Aggr 116

c. Level 3: Off 12 WO 2
EM 92 Aggr 106

d. Type B: Off 13 WO 2
EM 93 Aggr 108

Basis of allocation. One per engineer construction battalion (TOE 5-115).

Category. II.

Mobility. One hundred-percent mobile in organic transportation; 100-percent air transportable in medium transport aircraft.

5-117G Engr Equip and Maint Co, Engr Const Bn

Mission. To support the engineer construction battalion with engineer direct support maintenance and to reinforce the construction capability of the battalion by providing construction specialists and equipment and operators.

Assignment. Organic to engineer construction battalion (TOE 5-115).

Capabilities. a. At level 1, this unit provides—

(1) Battalion-level organizational maintenance for construction, power generation, and automotive equipment organic to the engineer construction battalion (company-level organizational maintenance for the equipment and maintenance company).

(2) Direct support maintenance for engineer construction and power generation equipment organic to the engineer construction battalion to include contact maintenance teams for job-site repair.

(3) Repair parts required to support the battalion maintenance mission.

(4) Machine shop facilities.

(5) Equipment and specialist personnel to support the construction companies in bituminous operations.

- (a) Dust palliation.
- (b) Surface treatment.
- (c) Penetration macadam paving.
- (d) Road-mix paving.
- (e) Low-type portable plant-mix asphaltic concrete of 3 tons per hour.

(6) Aggregate production of 75 tons per hour on a two-shift basis.

(7) Dump truck support to the construction companies or its organic crushing and asphalt equipment on a two-shift basis.

(8) Engineer heavy equipment to reinforce the construction companies.

(9) Coordination for direct support maintenance for other than engineer construction and power generation equipment and all general support maintenance from a maintenance support company (COMMZ) (TOE 29-427).

b. At level 2, dump trucks for reinforcing the construction companies are reduced to one shift.

c. At level 3—

(1) Dump truck support is reduced to 14 percent of the level 1 capability.

(2) Other equipment support is reduced to 50 percent of the level 1 capability (one shift).

d. The capabilities of a type B organization are the same as those of a level 1 organization.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

- Strength.*
- a. Level 1: Off 3 WO 2
EM 184 Aggr 189
 - b. Level 2: Off 3 WO 2
EM 176 Aggr 181
 - c. Level 3: Off 3 WO 2
EM 147 Aggr 152
 - d. Type B: Off 3 WO 2
EM 127 Aggr 132

Basis of allocation. One per engineer construction battalion (TOE 5-115).

Category. II.

Mobility. Eighty-four-percent mobile in organic transportation; 100-percent air transportable in heavy transport aircraft.

5-118G Engr Const Co, Engr Const Bn

Mission. a. To excavate, haul, compact, and grade earth and to provide stabilized earth subgrades for airfields, roads, railroads, levees, supply storage areas, and similar projects.

b. To construct and rehabilitate buildings, port facilities, bridges, drainage structures, pipelines,

storage tanks, and related facilities and to install and repair utilities.

Assignment. Organic to engineer construction battalion (TOE 5-115).

Capabilities. a. At level 1, this unit—

(1) Operates borrow pits and hauls borrow-pit materials, performs cut and fill, compacts natural or fill materials to provide subgrades of specified bearing strength, and levels natural or fill materials to desired grades.

(2) Constructs or rehabilitates theater of operation buildings, shelters, pipeline systems, and operational facilities and erects prefabricated structures.

(3) Installs electrical, water, and sewage facilities for theater of operation installations.

(4) Performs heavy general construction when supported with additional construction personnel and heavy equipment.

(5) Provides construction effort for bomb-damage recovery operations.

(6) Provides its own administration, supply, mess, and company-level organizational maintenance.

(7) Operates on a two-shift basis.

b. At level 2, skilled labor construction capabilities are reduced approximately 20 percent, while equipment construction capabilities remain 100 percent.

c. At level 3, equipment construction capabilities are reduced 50 percent, and skilled labor capabilities remain at the 20-percent reduction level.

d. The capabilities of a type B organization are the same as those of a level 1 organization.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

- Strength.*
- a. Level 1: Off 5 WO 1
EM 201 Aggr 207
 - b. Level 2: Off 5 WO 1
EM 176 Aggr 182
 - c. Level 3: Off 4 WO 1
EM 158 Aggr 163
 - d. Type B: Off 5 WO 1
EM 148 Aggr 154

Basis of allocation. Three per engineer construction battalion (TOE 5-115).

Category. II.

Mobility. Eighty-seven-percent mobile in organic transportation; 100-percent air transportable in heavy transport aircraft.

5-124G Engr Dptrk Co

Mission. To operate dump trucks for movement of bulk materials in support of other engineer units.

Assignment. To army or corps; normally attached to an engineer combat group. Assigned to the ENCOM when part of TASCOT, with normal attachment to an engineer construction group.

Capabilities. a. At level 1, this unit can move from 240 cubic yards (struck load) to 312 cubic yards (heaped load) of bulk materials (gravel, earthfill, crushed stone, etc.) per trip; or from 240 short tons (cross country) to 480 short tons (improved roads) of supplies and materials per trip. The amount of materials that the unit can haul in 1 day depends on weather conditions, distance of haul, type of haul route, type of material being hauled, and loading-unloading facilities.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 3 WO 1
EM 110 Aggr 114
b. Level 2: Off 3 WO 1
EM 98 Aggr 102
c. Level 3: Off 3 WO 1
EM 91 Aggr 95
d. Type B: Off 3 WO 1
EM 36 Aggr 40

Basis of allocation. One per engineer combat group or engineer construction group.

Category. II.

Mobility. One hundred-percent mobile.

**5-127G Engr Co, Sep Armd Bde
Engr Co, Sep Inf Bde (Mech)**

Mission. a. To increase the combat effectiveness of the separate armored brigade and the separate infantry brigade (mechanized) by providing engineer combat support.

b. To undertake and carry out a limited infantry combat mission, when required.

Assignment. Organic to separate armored brigade (TOE 17-100) or separate infantry brigade (mechanized) (TOE 37-100).

Capabilities. a. At level 1, this unit—

(1) Provides engineer staff planning and supervises organic and attached engineer troops.

(2) Accomplishes engineer combat tasks and, when reinforced with additional heavy equipment, executes more complex engineer work.

(3) Performs engineer reconnaissance and produces engineer intelligence for the brigade.

(4) Provides ADM support, when reinforced with ADM teams (TOE 5-570).

(5) Provides armored vehicle launched class-60 bridging equipment to span wet and dry gaps 60 feet or less in width for two separate crossings.

(6) Has a limited unit capability for infantry combat, when required.

(7) When equipped with mobile assault bridging equipment, provides equipment to erect two class-60 self-propelled ferries or 282 feet of class-60 floating bridge.

(8) When equipped with M4T6 or class-60 bridging equipment:

(a) When issued the M4T6 bridge, provides 280 feet of 50-class floating bridge or four class-50 rafts. Bridge components may be used to construct short, fixed spans.

(b) When issued the class-60 bridge, provides 270 feet of class-60 floating bridge or two class-45 four-float rafts, or two class-60 five-float rafts and/or a combination of bridge and rafts. Bridge components may be used to construct short, fixed spans.

(9) Provides light stream-crossing equipage to support an infantry company in a river crossing when amphibious vehicles cannot be used, are not available, or river conditions preclude the use of mobile amphibious bridge or ferry vehicles. Equipment includes—

(a) Nine assault boats and six reconnaissance boats to carry one infantry company by waterborne assault.

(b) Light tactical bridge equipage to provide the following options:

1. One class-12 ferry, or
2. One class-12 bridge 44 feet long, or
3. Four pontoons powered by outboard motors to be used as storm boats.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

d. This unit depends on—

(1) The HHC, separate armored brigade (TOE 17-102), or HHC, separate infantry bri-

gade (mechanized) (TOE 37-102), for unit-level medical support.

(2) The administration company (TOE 12-177) for personnel and religious services.

Strength. a. When equipped with mobile assault bridging equipment:

- (1) Level 1: Off 6 WO 1
EM 253 Aggr 260
- (2) Level 2: Off 6 WO 1
EM 229 Aggr 236
- (3) Level 3: Off 6 WO 1
EM 204 Aggr 211

b. When equipped with M4T6 or class-60 bridging equipment:

- (1) Level 1: Off 6 WO 1
EM 256 Aggr 263
- (2) Level 2: Off 6 WO 1
EM 228 Aggr 235
- (3) Level 3: Off 6 WO 1
EM 201 Aggr 208

Basis of allocation. One per separate armored brigade (TOE 17-100) or separate infantry brigade (mechanized) (TOE 37-100).

Category. I.

Mobility. One hundred-percent mobile.

5-129G Engr Co, Port Const

Mission. To perform special engineering work involved in providing port, beach, and POL facilities in support of military operations.

Assignment. Normally to TASCOM for further assignment to the ENCOM or an engineer construction brigade (TOE 5-111).

Capabilities. a. At level 1, this unit—

(1) Operates in conjunction with other engineer units, performing specialized tasks in the construction and complete rehabilitation of port facilities and the construction of beach facilities.

(2) Operates in conjunction with other engineer units in the installation and/or rehabilitation of tanker unloading facilities to include submarine pipeline and limited construction and/or rehabilitation of onshore POL storage facilities.

(3) Performs organizational maintenance on all organic equipment and direct support maintenance on organic construction, marine, and power generation equipment.

(4) Performs two-shift operations.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 12 WO 1
EM 226 Aggr 239

b. Level 2: Off 12 WO 1
EM 207 Aggr 220

c. Level 3: Off 12 WO 1
EM 174 Aggr 187

d. Type B: Off 12 WO 1
EM 181 Aggr 194

Basis of allocation. One per engineer construction brigade (TOE 5-111) or one per engineer construction group (TOE 5-112).

Category. III.

Mobility. Fifty-percent mobile by vehicle when LCM's and cube barges are excluded; 100-percent mobile under conditions favoring concurrent land and water movement.

5-137G Engr Co, Sep Abn Bde

Mission. a. To increase the combat effectiveness of the separate airborne brigade by providing engineer combat support.

b. To undertake and carry out an infantry combat mission, when required.

Assignment. Organic to separate airborne brigade (TOE 57-100).

Capabilities. a. At level 1, this unit provides—

(1) Engineer planning for organic and attached engineer troops.

(2) Engineer reconnaissance and produces engineer intelligence for the brigade.

(3) Limited construction, maintenance, and repair of roads, bridges, fords, and culverts to facilitate the movement of the brigade.

(4) Limited general construction work, including construction of assault landing strips.

(5) ADM support, when reinforced with ADM teams (TOE 5-570).

(6) Personnel and equipment for the purification and supply of potable water.

(7) Close engineer combat support by personnel and equipment being landed by parachute or aircraft and, when required, can carry out infantry combat missions.

b. This unit is not adaptable to a type B organization.

c. When brigade structure includes four maneuver battalions, a fourth platoon, on the basis of one engineer platoon per regularly assigned maneuver battalion, may be provided by an MTOE under the provisions of AR 310-31.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

e. This unit depends on—

(1) The administration company (TOE 12-167) for personnel administrative services.

(2) The brigade HHC (TOE 57-102) for unit-level medical service.

Strength. a. Level 1: Off 5 EM 151

Aggr 156

b. Level 2: Off 5 EM 136

Aggr 141

c. Level 3: Off 4 EM 122

Aggr 126

Basis of allocation. One per separate airborne brigade (TOE 57-100).

Category. I.

Mobility. One hundred-percent mobile in organic transportation and is air transportable and air droppable; 100-percent air transportable in medium transport aircraft.

5-177G Engr Pl Const Spt Co

Mission. To provide technical personnel and specialized equipment to assist construction and combat engineer units in construction, rehabilitation, and maintenance (except organizational maintenance) of pipeline systems; to provide a limited independent capability for construction, rehabilitation, and maintenance of pipeline systems; and to assist using units in specialized repairs.

Assignment. To ENCOM or engineer construction brigade. Normally attached to an engineer construction group. May be attached to an engineer combat group.

Capabilities. a. At level 1, this unit—

(1) Provides advisory personnel to three engineer companies engaged in pipeline construction for pipe-stringing, pipe-coupling, storage tank erection, and pump station and dispensing facility construction and provides specialized tools and equipment for the above functions on a two-shift basis.

(2) Transports in one lift over unimproved roads—

(a) 21,000 linear feet of 6-inch pipe, or

(b) 16,200 linear feet of 8-inch pipe, or

(c) 9,000 linear feet of 12-inch pipe.

(3) To a limited degree, constructs and rehabilitates pipeline systems to include the erection of storage tanks when construction units are not available.

(4) Performs organizational maintenance on all organic equipment.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 5 EM 182

Aggr 187

b. Level 2: Off 5 EM 164

Aggr 169

c. Level 3: Off 2 EM 149

Aggr 151

d. Type B: Off 5 EM 146

Aggr 151

Basis of allocation. Normally one per engineer construction group (TOE 5-112), as required.

Category. III.

Mobility. Ninety-percent mobile, using organic equipment.

5-195G Engr Cbt Bn, Abn

Mission. a. To increase the combat effectiveness of joint task force or tactical air force operations by constructing theater of operation airfields, accomplishing expedient major repairs or modification of existing facilities, and performing general combat engineer construction tasks to support air operations.

b. To provide engineer support to divisional airborne engineer battalions engaged in combat construction activities.

Assignment. a. To USCONARC or theater army for attachment to a major tactical air force.

b. To the Army element of a joint task force.

c. To an airborne corps.

Capabilities. a. At level 1, this unit provides—

(1) A staff to plan the engineer missions in support of USAFSTRIKE, the Army element of a joint task force, or U.S. Army airborne operations.

(2) Engineer reconnaissance for the selection, design, and construction of air-landing zones and other facilities.

(3) A capability to simultaneously construct two medium-lift forward area airfields in approximately 72 hours or two support area tactical airfields in approximately 264 hours, where a low degree of difficulty exists.

(4) Airfield construction by earth-clearing operations and installation of landing mats, membranes, dust palliatives, portable airfield lighting

devices, and waterproofing or soil-stabilizing agents.

(5) A capability for accomplishing expedient repairs or modifications to existing airbase facilities.

(6) A capability to perform expedient repairs to bomb-damaged runways.

(7) A capability for limited bituminous patching of pavement.

(8) A capability for vertical construction to include installation of power generation and distribution facilities and installation and temporary operation of fly-by-extraction and arresting equipment.

(9) Personnel and equipment for the purification and supply of potable water.

(10) Direct support maintenance on organic engineer and ordnance equipment.

(11) Personnel for two-shift operations.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except chaplain and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

d. This unit depends on other organizations for

(1) Parachute packaging and maintenance teams.

(2) Communication support (from USAF elements) when operating in isolated areas.

(3) Area security during the construction phase of assigned missions.

(4) Reinforcements from conventional construction units when higher construction standards (C or higher) are required.

Strength. a. Level 1: Off 32 WO 4
EM 658 Aggr 694

b. Level 2: Off 32 WO 4
EM 589 Aggr 625

c. Level 3: Off 31 WO 4
EM 521 Aggr 556

Basis of allocation. As required for support of tactical air force and Army airborne operations.

Category. I.

Mobility. One hundred-percent mobile in organic transportation; air transportable in medium transport aircraft, except for the 5-ton dump trucks and wrecker.

Components. a. One HHC (TOE 5-196G).

b. One engineer equipment and maintenance company (TOE 5-197G).

c. Two engineer combat companies (TOE 5-198G).

5-196G HHC, Engr Cbt Bn, Abn

Mission. To provide command, staff, administration, supply, communications, and medical service for the engineer combat battalion, airborne; a staff to furnish engineer construction planning for the supported command; and specialized construction equipment support.

Assignment. Organic to engineer combat battalion, airborne (TOE 5-195).

Capabilities. a. At level 1, this unit provides

(1) A staff to plan the engineer missions in support of USAFSTRIKE, the Army element of a joint task force, or U.S. Army airborne operations.

(2) Engineer reconnaissance to aid in the selection and to support the design and construction of air-landing zones and other facilities.

(3) Specialized skills to support the vertical construction mission of the battalion to include support for the installation of power generation facilities and support for the installation of fly-by-extraction and arresting equipment.

(4) Battalion-level supervision for the construction of runways, taxiways, and aprons; installation of portable runway lighting devices; limited patching of bituminous pavement; expedient repairs to bomb-damaged runways; expedient major repairs or modifications to existing airbase facilities; earth clearing; and installation of landing mats, membranes, dust palliatives, and waterproofing or soil-stabilizing agents.

(5) Personnel and equipment for the purification and supply of potable water.

(6) Organizational maintenance for organic equipment.

(7) Battalion administration and supply service.

(8) Unit-level medical service to include emergency medical treatment and evacuation, operation of a battalion aid station, supervision of sanitation, and furnishing of company aidmen.

(9) Capability of being parachute-delivered.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except chaplain and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 16 WO 3
EM 135 Aggr 154

- b. Level 2: Off 16 WO 3
EM 120 Aggr 139
c. Level 3: Off 15 WO 3
EM 105 Aggr 123

Basis of allocation. One per engineer combat battalion, airborne (TOE 5-195).

Category. I.

Mobility. One hundred-percent mobile in organic transportation; 100-percent air transportable in medium transport aircraft.

5-197G Engr Equip and Maint Co, Engr Cbt Bn, Abn

Mission. To reinforce the construction capabilities of the engineer combat battalion, airborne, by providing air-transportable engineer construction equipment and operators and to enhance the overall capability of the battalion by performing battalion-level organizational maintenance on all equipment and direct support maintenance on construction equipment and wheeled vehicles organic to the battalion.

Assignment. Organic to engineer combat battalion, airborne (TOE 5-195).

Capabilities. a. At level 1, this unit provides

(1) Battalion-level organizational maintenance and direct support maintenance for construction equipment and wheeled vehicles organic to the engineer combat battalion, airborne.

(2) Contact maintenance teams for job-site repair of organic equipment.

(3) Repair parts support commensurate with the organization's direct support maintenance mission.

(4) Machine shop facilities.

(5) Equipment support for two-shift operation.

(6) Equipment for earthmoving and for concrete and asphalt repair.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 6 WO 1

EM 239 Aggr 246

b. Level 2: Off 6 WO 1

EM 215 Aggr 222

c. Level 3: Off 6 WO 1

EM 190 Aggr 197

Basis of allocation. One per engineer combat battalion, airborne (TOE 5-195).

Category. I.

Mobility. One hundred-percent mobile in organic transportation; air transportable in medium transport aircraft, except for the 5-ton dump trucks and wrecker.

5-198G Engr Cbt Co, Engr Cbt Bn, Abn

Mission. To provide an operating component of the engineer combat battalion, airborne, to perform general engineer work facilitating and contributing to the combat construction effort of the battalion in support of USSTRICOM/USAF-STRIKE or other engineer support operations of forces, as directed.

Assignment. Organic to engineer combat battalion, airborne (TOE 5-195).

Capabilities. a. At level 1, this unit—

(1) Performs combat and general construction tasks and, when reinforced with additional heavy engineer equipment and skills, can execute more complex engineer work to include—

(a) Erection of portable hangars and other portable buildings and structures.

(b) Installation of runway lighting devices.

(c) Installation of arresting equipment and provision of personnel to operate and maintain the equipment.

(d) Installation and temporary operation of fly-by-extraction equipment.

(2) Performs expedient repairs to bomb-damaged runways.

(3) Can be parachuted or air-delivered to worksites without modification of equipment.

(4) Can operate on a two-shift basis.

(5) Can perform organizational maintenance on organic equipment.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 5 EM 142

Aggr 147

b. Level 2: Off 5 EM 127

Aggr 132

c. Level 3: Off 5 EM 113

Aggr 118

Basis of allocation. Two per engineer combat battalion, airborne (TOE 5-195).

Category. I.

Mobility. One hundred-percent mobile in organic transportation; 100-percent air transportable in medium transport aircraft.

5-201T HHC, ENCOM

Mission. To command; to perform operational planning and supervision; and to coordinate the activities of assigned or attached engineer construction brigades, groups, and other units engaged in construction, mapping production of military geographical intelligence, and related activities.

Assignment. Normally to TASCOT.

Capabilities. a. At level 1, this unit provides

(1) General troop and contractual construction support to the Army and other services and allies within the COMMZ and support to the field army on a task basis, as required.

(2) Planning, coordination, and supervision of construction or rehabilitation of airfields.

(3) Planning, coordination, and supervision of construction or rehabilitation of ports, routes of communications (roads, railroads, and inland waterways), missile sites, hospitals, troop camps, prisoner of war and internee compounds, administrative and logistic facilities, POL distribution and storage facilities, and operational and training facilities.

(4) Allocation of engineer troops, materials, and equipment to projects and guidance and technical assistance to units engaged in construction projects.

(5) Topographic and military geographical intelligence support to theater army, including programming data for mapping and military geographical intelligence support, coordination of requirements with CONUS, production of required mapping and military geographical intelligence, and furnishing of military hydrology services.

(6) Comptroller services for the command and assigned or attached units.

(7) Management of real estate and technical assistance for engineer repair and utilities functions.

b. When the mission to be performed or the workload imposed on this unit exceeds the capabilities indicated above, the additional capabilities required must be provided from appropriate cellular teams of the 500- and 600-series TOE or by the establishment of an MTOE under the provisions of AR 310-31.

c. This unit is not adaptable to type B organization.

d. This unit depends on—

(1) The aviation service support company (TOE 1-407) for air transport required for com-

mand, control, and liaison activities of the command.

(2) The transportation car company (TOE 55-19) for daily administrative motor transport services.

(3) The personnel service company (TOE 12-67) for personnel administrative services.

(4) The signal communication center operations company (platoon) (TOE 11-137) or other appropriate unit of the theater signal operations command for communication service.

(5) Appropriate elements from the MEDCOM for medical service and advice.

e. This unit can perform organizational maintenance on organic equipment.

f. Individuals of this organization, except chaplain, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 65 WO 1

EM 138 Aggr 204

b. Level 2: Off 65 WO 1

EM 120 Aggr 186

c. Level 3: Off 58 WO 1

EM 107 Aggr 166

Basis of allocation. One per TASCOT.

Category. III.

Mobility. Approximately 10-percent mobile.

5-207G Engr Co, Sep Lt Inf Bde

Mission. To increase the combat effectiveness of the separate light infantry brigade by providing engineer combat support.

Assignment. Organic to separate light infantry brigade (TOE 77-100).

Capabilities. a. At level 1, this unit provides

(1) Engineer staff planning and supervision for organic and attached engineer troops in conjunction with the brigade engineer section of TOE 77-102.

(2) Engineer reconnaissance and engineer intelligence for the brigade.

(3) Construction, maintenance, and repair of roads, bridges, fords, and culverts to facilitate the movement of the brigade.

(4) General construction works, including construction of assault landing strips.

(5) ADM support, when reinforced with appropriate ADM teams from TOE 5-570.

(6) Personnel and equipment for the purification and supply of potable water.

(7) Organizational maintenance for organic equipment.

b. This unit is not adaptable to a type B organization.

c. This unit depends on the administration company, separate light infantry brigade (TOE 12-197), for personnel administrative services.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 5 EM 163
Aggr 168

b. Level 2: Off 5 EM 145
Aggr 150

c. Level 3: Off 4 EM 130
Aggr 134

Basis of allocation. One per separate light infantry brigade (TOE 77-100).

Category. I.

Mobility. One hundred-percent mobile in organic transportation; 90-percent air transportable in medium transport aircraft.

5-237D Engr Maint Co, DS

Mission. To provide general support maintenance for engineer equipment in supported units and to furnish repair parts, as required.

Assignment. To field army or COMMZ. Normally attached to HHC, engineer maintenance and supply group (TOE 5-262).

Capabilities. a. At full strength, this unit—

(1) Provides direct support maintenance for approximately 2,000 major items of engineer equipment. Can perform direct support and limited general support maintenance on 1,500 major items of engineer equipment when deployed in a static condition. Major items include equipment such as 1½-kilowatt generators and larger items.

(2) Evacuates disabled equipment to rear area maintenance units when repair cannot be accomplished by this company. Performs limited evacuation from using units to the company maintenance sites, as dictated by operational situations.

(3) Provides engineer repair parts in support of maintenance activities of the company and supported units.

(4) Provides technically qualified personnel for inspecting, advising, and instructing using organizations in equipment maintenance practices and procedures.

b. The capabilities of a type B organization are the same as those of a full-strength organization.

c. Individuals of this unit can fight as infantry-

men, when required. This unit can defend itself and its installations against hostile ground attack.

Strength. a. Full: Off 7 WO 3
EM 185 Aggr 195

b. Reduced: Off 6 WO 2
EM 143 Aggr 151

c. Type B: Off 7 WO 3
EM 152 Aggr 162

Basis of allocation. Nine per typical field army.

Category. II.

Mobility. This unit can transport approximately 90 percent of its organic personnel and equipment in one move. Additional transportation support or additional trips by organic vehicles will be required to transport nonorganic equipment on hand for maintenance.

5-267D Engr Dep Co

Mission. To operate an engineer depot for the receipt, storage, and issue of engineer general supplies and equipment.

Assignment. To COMMZ. Normally attached to an engineer depot battalion or an engineer maintenance and supply group or may operate as separate company.

Capabilities. a. When labor personnel are furnished by TOE 10-67 or other labor sources, depending on workloads imposed by varying stock levels, this unit—

(1) Receives, stores, and issues engineer general supplies and equipment in depot operations in support of a field army, an air force, or a COMMZ installation.

(2) Maintains stock records, locator systems, bin identification system, voucher registers, and other necessary stock accounting records.

(3) Prepares stock status reports, tonnage reports, and other special reports, as required or directed.

(4) Prepares replenishment requisitions to maintain established stock levels.

(5) Establishes and adjusts stock levels under battalion or group supervision.

(6) Provides unit personnel administration, mess, supply, and maintenance for HHD, engineer depot battalion, when attached.

b. The capabilities of a type B organization are the same as those of a full-strength organization.

c. Individuals of this unit can fight as infantrymen, when required. This unit can defend itself and its installations against hostile ground attack.

Strength. a. Full: Off 6 EM 195
Aggr 201

- b. Reduced: Off 5 EM 146
Aggr 151
- c. Type B: Off 6 EM 173
Aggr 179

Basis of allocation. One per engineer maintenance and supply group in a field army; as required in a COMMZ.

Category. III.

Mobility. Thirty-five-percent mobile.

5-278E Engr Hv Maint Co

Mission. To perform general support maintenance on engineer equipment and overhaul of certain components (assemblies and subassemblies) of end items and certain engineer mechanical equipment, as designated by DA; and, in support of engineer direct support maintenance companies, to perform overflow direct support maintenance.

Assignment. To field army or COMMZ. Normally attached to an engineer maintenance and supply group.

Capabilities. a. At full strength, this unit provides direct support to three engineer direct support maintenance companies when work is beyond the technical or physical capabilities of the companies by—

(1) Repairing engineer equipment requiring general support and overflow direct support maintenance and overhaul of parts, subassemblies, assemblies, and certain other engineer equipment.

(2) Repairing and classifying exchanged repairable parts assemblies for use in company maintenance operations and return to parts stock.

(3) Serviceability testing, classifying, and repairing engineer equipment in or to be returned to stock or to be otherwise disposed of.

b. The capabilities of a type B organization are the same as those of a full-strength organization.

c. Individuals of this unit can fight as infantrymen, when required. This unit can defend itself and its installations against hostile ground attack.

Strength. a. Full: Off 5 WO 4

EM 190 Aggr 199

b. Reduced: Off 4 WO 4

EM 144 Aggr 152

c. Type B: Off 5 WO 4

EM 181 Aggr 190

Basis of allocation. One per three engineer direct support maintenance companies (TOE 5-237).

Category. III.

Mobility. Fifty-percent mobile for organic equipment and personnel only. Additional support or additional shuttle trips are required to move nonorganic equipment on hand for maintenance.

5-279D Engr Parts Dep Co

Mission. To operate a repair parts depot to support the maintenance of engineer equipment by receiving, storing, issuing, and shipping engineer repair parts.

Assignment. To field army or COMMZ. Normally attached to an engineer maintenance and supply group (TOE 5-262).

Capabilities. a. At full strength, this unit provides engineer equipment repair parts support as follows:

(1) In the field army, for from four to six engineer direct support maintenance companies (TOE 5-237).

(2) In the COMMZ, for three engineer direct support maintenance companies (TOE 5-237) plus one engineer heavy maintenance company (TOE 5-278).

(3) Support for approximately 9,000 items of engineer equipment; handles approximately 1,000 tons of repair parts per month.

(4) Bulk replenishment parts support for the engineer direct support maintenance companies and other units authorized to stock and distribute parts to engineer equipment users.

(5) Retail parts support for the engineer heavy maintenance companies and other designated units that are not directly supported by the engineer direct support maintenance companies.

(6) Depot stock control and supply control functions for engineer repair parts.

(7) Inspection of parts stock level of supported units to insure the maintenance of realistic stock levels.

(8) Maintenance of repair parts consumption-demand data; accumulation of actual or anticipated engineer equipment density in the area to be supported and other pertinent operational data.

(9) Organizational maintenance for organic equipment.

b. This unit is not adaptable to a type B organization.

c. Individuals of this unit can fight as infantrymen, when required. This unit can defend itself and its installations against hostile ground attack.

- Strength.* a. Full: Off 6 EM 172
Aggr 178
b. Reduced: Off 5 EM 131
Aggr 136

Basis of allocation. One per engineer maintenance and supply group (TOE 5-262).

Category. III.

Mobility. Twenty-percent mobile.

5-305G Engr Topo Bn, Army

Mission. To provide engineer surveys, maps, map substitutes, and related technical information and materials, as required, for an army in the field.

Assignment. To field army.

Capabilities. a. At level 1, this unit—

- (1) Performs surveys and provides survey information required by an army in the field.
- (2) Produces maps, photomaps, overlays, overprints, and other intelligence materials at the approximate rate of 3,500,000 impressions per month.
- (3) Stores and distributes maps and related materials required by army troops.
- (4) Prepares maps, photomaps, map mosaics, sketches, drawings, and related materials for use by an army in the field.
- (5) Provides assistance in preparing engineer terrain intelligence reports.
- (6) Requests and evaluates aerial photography and operates a geodetic survey information center.
- (7) Accomplishes organizational maintenance on organic vehicles and direct support maintenance on all organic topographic survey and reproduction equipment.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

- Strength.* a. Level 1: Off 16 WO 6
EM 346 Aggr 368
b. Level 2: Off 16 WO 6
EM 307 Aggr 329
c. Level 3: Off 14 WO 6
EM 273 Aggr 293
d. Type B: Off 15 WO 6
EM 286 Aggr 307

Basis of allocation. One per field army.

Category. II.

Mobility. Approximately 85-percent mobile in organic transportation. For mobility of the

components of this battalion, see applicable TOE extracts.

Components. a. One HHC (TOE 5-306G).

b. One engineer map reproduction and distribution company, army (TOE 5-307G).

c. One engineer photomapping company, army (TOE 5-308G).

5-306 HHC, Engr Topo Bn, Army

Mission. To provide command and staff, administration, and supply and maintenance support for an engineer topographic battalion, army, and to furnish engineer surveys, maps, map substitutes, and related technical information and materials required by an army in the field.

Assignment. Organic to engineer topographic battalion, army (TOE 5-305).

Capabilities. a. At level 1, this unit provides —

- (1) Command for supervision, administration, training, and operations of the battalion.
- (2) Surveys required for topographic mapping, carrying forward class I, second-order, ground control, and azimuth data in support of corps survey elements and providing survey support, as required, for missiles, surveillance devices, and conventional artillery.
- (3) Planning and supervision of topographic and photomap compilation and reproduction and map distribution.
- (4) Trig lists, map reproducibles, and other basic materials to the field army and corps topographic units.
- (5) Assistance to the army G2 and engineer in producing terrain and other engineer intelligence reports.
- (6) Staff assistance to the battalion in preparing requests for aerial photography. Photography received is evaluated to determine suitability for mapping purposes.

(7) A geodetic survey information center to collect, correlate, and disseminate survey information, as required.

(8) Supply and organizational maintenance service for the battalion.

(9) Direct support maintenance for reproduction, electronic, and optical survey equipment.

(10) Limited survey tower support for the survey platoon.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. Survey helicopters in support of the survey platoons are provided by team FE (TOE 1-500), as authorized by appropriate major commanders under the provisions of AR 310-31.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 10 WO 3
EM 143 Aggr 156
b. Level 2: Off 10 WO 3
EM 127 Aggr 140
c. Level 3: Off 10 WO 3
EM 111 Aggr 124
d. Type B: Off 10 WO 3
EM 134 Aggr 147

Basis of allocation. One per engineer topographic battalion, army (TOE 5-305).

Category. II.

Mobility. One hundred-percent mobile in organic transportation; 100-percent air transportable in medium transport aircraft.

5-307G Engr Map Repro and Distr Co, Army

Mission. To reproduce, store, and distribute new and existing maps, map substitutes, photomaps, overlays, and other engineer intelligence and terrain intelligence materials.

Assignment. Organic to engineer topographic battalion, army (TOE 5-305).

Capabilities. a. At level 1, this unit—

(1) Reproduces in quantities, by offset lithography, monochrome and multicolor maps, map substitutes, photomaps, overlays, overprints, and other engineer intelligence and terrain intelligence materials at the approximate rate of 3,500,000 impressions per month, working two shifts per day.

(2) Stores and distributes stocks of maps and materials described above, as required by army and corps units, including requirements of other Services, e.g., the USAF, that may be operating in the army corps area.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

d. Depot stockage of up to 600 tons of maps will require additional vehicles when this unit displaces.

Strength. a. Level 1: Off 3 WO 1
EM 106 Aggr 110

b. Level 2: Off 3 WO 1
EM 94 Aggr 98
c. Level 3: Off 2 WO 1
EM 85 Aggr 88
d. Type B: Off 2 WO 1
EM 61 Aggr 64

Basis of allocation. One per engineer topographic battalion, army (TOE 5-305).

Category. II.

Mobility. Eighty-percent mobile in organic transportation; 100-percent air transportable in medium transport aircraft.

5-308G Engr Pmap Co, Army

Mission. To compile and revise planimetric, topographic, and special maps; map substitutes; and terrain and engineer intelligence materials; to perform final evaluation of aerial photography to determine its suitability for mapping purposes; and to extend ground control by photogrammetry for artillery and missile fire control and for surveillance and other purposes to increase the combat effectiveness of the field army.

Assignment. Organic to engineer topographic battalion, army (TOE 5-305).

Capabilities. a. At level 1, this unit—

(1) Compiles controlled, semicontrolled, and uncontrolled photomaps and mosaics.

(2) Compiles a limited number of new maps from aerial photography, existing maps, charts, and other sources and makes limited revision of existing maps.

(3) Drafts special maps, overprints, and overlays for army operations and terrain and engineer intelligence studies.

(4) Performs final evaluation of aerial photography for mapping purposes.

(5) Provides a sufficient number of point locations for mapping and fire control, through limited extensions of ground control by photogrammetric means from a strip or strips of aerial photography, to a distance of about 80 kilometers beyond existing ground control, within a period of approximately 36 hours after receipt of photography, to include preparation and printing of a gridded area graphic.

(6) Performs organizational maintenance on photomapping and air-conditioning equipment and wheeled vehicles.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. Individuals of this organization can engage

in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 3 WO 2
EM 97 Aggr 102
b. Level 2: Off 3 WO 2
EM 86 Aggr 91
c. Level 3: Off 2 WO 2
EM 77 Aggr 81
d. Type B: Off 3 WO 2
EM 91 Aggr 96

Basis of allocation. One per engineer topographic battalion, army (TOE 5-305).

Category. II.

Mobility. Eighty-five-percent mobile with organic equipment and personnel. Additional transportation will be required to move 43 men and 5 tons of photomap paper required to support operations for approximately 1 month. Organic transportation can move personnel, equipment, and paper stock by making four additional trips with the cargo vehicles. This unit is 100-percent air transportable in medium transport aircraft.

5-327G Engr Topo Co, Corps

Mission. To provide topographic maps, overprinted maps, topographic intelligence, and artillery and topographic survey data in support of corps- or independent task force-type operations.

Assignment. Normally to corps or corps-size independent task force.

Capabilities. a. At level 1, this unit—

(1) Performs topographic surveys of second or third order for mapping and other functions. Surveys to extend position azimuth and elevation control forward from corps rear area into division rear area for all users of this control within the corps area.

(2) Furnishes ground control within unit capabilities to corps artillery missile units and other artillery organizations on a first-priority basis.

(3) Drafts special maps, overprints, and overlays for corps operations; lays controlled or uncontrolled mosaics from aerial photographs and makes limited revision of existing maps at the rate of 20 to 30 map sheets per month; compiles and revises military topographic and planimetric maps.

(4) Reproduces in quantities, by offset lithography, monochrome and multicolor maps, photomaps, overlays, overprints, and/or other topographic and engineer intelligence materials at the

approximate rate of 600,000 impressions per month and collates and distributes engineer intelligence materials, as required.

(5) Receives, stores, and makes bulk distribution of maps, trig lists, and engineer survey control point information to corps units.

(6) Provides a sufficient number of point locations, through limited extensions of ground control by photogrammetric means from a strip or strips of aerial photography, to a distance of about 80 kilometers beyond existing ground control, within a period of approximately 36 hours, to include preparation and printing of a gridded area graphic.

(7) Accomplishes direct support maintenance on organic special electronic devices and topographic and reproduction equipment.

(8) Depends on team FE (TOE 1-500), or other appropriate teams, for aircraft support when required to accomplish the topographic survey mission.

b. Survey capability may be increased, when required, by the attachment of team IC from TOE 5-540.

c. This unit is not adaptable to a type B organization.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 3 WO 3
EM 137 Aggr 143
b. Level 2: Off 3 WO 3
EM 122 Aggr 128
c. Level 3: Off 2 WO 3
EM 109 Aggr 114

Basis of allocation. One per corps; one per typical corps-size task force.

Category. II.

Mobility. Ninety-five-percent mobile with organic transportation and personnel. Additional transportation normally is required to move basic load maps and related classified and unclassified materials. This unit is 100-percent air transportable in medium transport aircraft.

5-344G Engr Base Map Dep Co

Mission. To provide for receipt, storage, and distribution of maps, geodetic control data, gazetteers, aerial photographs, trig lists, intelligence documents, and related topographic materials.

Assignment. Assigned or attached to an engineer base topographic battalion.

Capabilities. a. At level 1:

(1) This unit—

(a) Provides map stockage for one army group.

(b) Stocks an average of 5 million maps and handles 450,000 maps per day.

(c) Receives, classifies, and stores maps, related materials, and intelligence materials.

(d) Packages and preserves maps, related materials, and intelligence materials for shipment to forward depots and for limited retail issue.

(2) Each of three map storage platoons can operate a submap depot with a 150,000 map-per-day capability.

b. This unit depends on HHD, engineer base topographic battalion (TOE 5-346), for messing and organizational maintenance for organic vehicles. If required, mess teams and maintenance teams are provided from appropriate 500- and 600-series TOE.

c. The capabilities of a type B organization are the same as those of a level 1 organization.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 4 EM 117

Aggr 121

b. Level 2: Off 4 EM 108

Aggr 112

c. Level 3: Off 4 EM 96

Aggr 100

d. Type B: Off 4 EM 23

Aggr 27

Basis of allocation. One per army group or independent field army.

Category. III.

Mobility. Approximately 22-percent in organic transportation; 100-percent air transportable in medium transport aircraft.

5-346G HHD, Engr Base Topo Bn

Mission. a. To provide combat support to a theater army group by operational planning and technical control of a battalion engaged in topographic, artillery, and missile fire control survey and topographic map compilation and reproduction.

b. To provide geodetic survey control data, trig lists, map reproducibles, and other basic engineer intelligence materials to the field army and corps topographic units.

Assignment. Normally to an ENCOM or TASC-OM.

Capabilities. a. At level 1, this unit—

(1) Provides administration, planning, supervision, and operational control of an engineer base map depot company, an engineer base reproduction company, an engineer base photomapping company, an engineer base survey company, and/or engineer topographic or intelligence teams.

(2) Procures, compiles, reproduces, and distributes military maps that, when combined with the efforts of all other topographic units, meet the requirements of a theater of operations.

(3) Performs military surveys of class II, first-order accuracy to produce a basic net with an accuracy of 1:50,000 suitable for topographic and fire control.

(4) Assists the theater army G2 and the theater army engineer in preparing terrain intelligence reports.

(5) Provides messing facilities for itself, the map depot, the reproduction, and the photomapping companies and any attached cellular teams or units.

(6) Performs organizational maintenance on its own vehicles and those of the map depot, reproduction, and photomapping companies.

b. This organization can operate one or more messes to support subordinate units, with the exception of the engineer base survey company, on a limited basis.

c. The capabilities of a type B organization are the same as those of a level 1 organization.

d. This unit depends on—

(1) Team FE (TOE 1-500), or other appropriate teams, for aircraft support, when required to accomplish the topographic mission.

(2) Appropriate teams from TOE 29-500 for additional mess personnel.

(3) Appropriate teams from TOE 29-600 for additional automotive maintenance personnel when the requirements exceed the capability of assigned personnel to accomplish these functions.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 7 WO 2

EM 60 Aggr 69

b. Level 2: Off 7 WO 2

EM 54 Aggr 63

c. Level 3: Off 7 WO 2

EM 45 Aggr 54

d. Type B: Off 7 WO 2

EM 29 Aggr 38

Basis of allocation. One per TASC-OM.

Category. III.

Mobility. One hundred-percent mobile in organic transportation; 180-percent mobile in medium transport aircraft (operationally fixed).

5-347G Engr Base Repro Co

Mission. To reproduce maps, map substitutes, charts, and allied mapping materials, such as map indexes, trig lists, and gazetteers, and engineer terrain and other engineer intelligence materials, as required in support of one or more field armies, TASCOM, or the zone of interior.

Assignment. Assigned or attached to HHD, engineer base topographic battalion (TOE 5-346).

Capabilities. a. At level 1, this unit—

(1) Provides reproduction support to one or more field armies in a theater of operations, to a COMMZ, or to the zone of interior.

(2) Reproduces in quantities, by offset lithography, monochrome and multicolor maps, photomaps, overlays, overprints, and/or other topographic and engineer intelligence materials at the approximate rate of 5 million impressions per month (two-shift operation).

(3) Performs organizational and direct support maintenance on organic photographic and reproduction equipment.

b. This unit depends on HHD, engineer base topographic battalion, for messing and motor vehicle maintenance. Teams from TOE 29-500 and TOE 29-600 provide this service for the company when it operates independently.

c. The capabilities of a type B organization are the same as those of a level 1 organization.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 2 WO 2
EM 97 Aggr 101

b. Level 2: Off 2 WO 2
EM 87 Aggr 91

c. Level 3: Off 2 WO 2
EM 77 Aggr 81

d. Type B: Off 2 WO 2
EM 16 Aggr 20

Basis of allocation. Normally one per engineer base topographic battalion.

Category. III.

Mobility. Thirty-percent mobile in organic transportation; 100-percent air transportable in medium transport aircraft (operationally fixed).

5-348G Engr Base Surv Co

Mission. a. To accomplish plane or geodetic surveys to provide class II, first-order, topographic data, and artillery and missile fire control support and to make necessary computations to establish, recover, or adjust existing geodetic control to a given control system for use in new or revised mapping projects and artillery and missile fire control nets.

b. To provide geodetic survey control and other basic data to the field army and corps topographic units.

Assignment. Assigned or attached to HHD, engineer base topographic battalion (TOE 5-346).

Capabilities. a. At level 1, this unit—

(1) Provides organic topographic and artillery and missile fire control surveying support to one or more field armies in a theater of operations, to a COMMZ, or to the zone of interior.

(2) Performs geodetic survey of first-, second-, and third-order accuracy, including first-order astronomic position determinations, second- and third-order leveling, and the establishment of base lines.

(3) Performs topographic and artillery fire control surveys, using conventional field methods.

(4) Provides geodetic control data to elements of the battalion and to army and corps for compilation of new maps or revision to existing topographic maps and for artillery and missile fire control survey by stereophotogrammetric methods.

(5) Accomplishes any one of the following, per month, by each of the survey squads, under ideal conditions:

(a) Third-order survey:

1. Triangulation, using quads as the basic figure—750 kilometers of progress.

2. Traverse, using electronic survey instruments—600 kilometers of progress.

3. Leveling—160 kilometers of progress.

(b) Second-order survey:

1. Triangulation, using quads as the basic figure—340 kilometers.

2. Traverse—rate of progress based on several variables, e.g., transportation provided to move the equipment, terrain, and weather.

3. Leveling—160 kilometers of progress.

(6) Completes final computations on all survey data assembled.

(7) Operates as a separate company.

(8) Performs organizational maintenance on all organic vehicles and equipment and direct support maintenance on all organic special electrical devices and topographic instruments.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. This unit depends on team FE (TOE 1-500), or other appropriate teams, for aircraft support when required to accomplish topographic missions.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 2 WO 4
EM 172 Aggr 178
b. Level 2: Off 2 WO 3
EM 156 Aggr 161
c. Level 3: Off 1 WO 3
EM 140 Aggr 144
d. Type B: Off 2 WO 4
EM 45 Aggr 51

Basis of allocation. Normally one per TAS-COM.

Category. III.

Mobility. Approximately 22-percent mobile in organic transportation; 100-percent air transportable in medium transport aircraft.

5-349G Engr Base Pmap Co

Mission. a. To provide combat support for theater army by compiling and revising new and existing multicolor maps and map substitutes and by extending ground control for artillery and missile fire, using photogrammetric means to produce a gridded graphic.

b. To compile and produce reproducible materials for engineer intelligence and terrain studies and to evaluate aerial photography to determine its suitability for mapping purposes.

Assignment. Assigned or attached to an engineer base topographic battalion.

Capabilities. a. At level 1, this unit, on a two-shift basis—

(1) Evaluates aerial photography to determine its suitability for mapping purposes.

(2) Compiles new maps from aerial photography, using photogrammetric methods.

(3) Prepares controlled mosaics of aerial photographs.

(4) Revises topographic, planimetric, and special maps.

(5) Accomplishes color-separation engraving or drafting of all map compilation.

(6) Extends ground control for artillery and missile fire by photogrammetric means to produce a gridded graphic.

(7) Compiles and produces base materials for engineer intelligence and terrain studies.

(8) Performs organizational and direct support maintenance on organic photomapping equipment.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. This unit depends on HHD, engineer base topographic battalion, for messing and motor vehicle maintenance. Teams from TOE 29-500 and TOE 29-500 and TOE 29-600 provide this service for the company when it operates independently.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 2 WO 2
EM 168 Aggr 172
b. Level 2: Off 2 WO 2
EM 152 Aggr 156
c. Level 3: Off 2 WO 2
EM 133 Aggr 137
d. Type B: Off 2 WO 2
EM 38 Aggr 42

Basis of allocation. Normally one per engineer base topographic battalion.

Category. III.

Mobility. Nine-percent mobile in organic transportation; 100-percent air transportable in medium transport aircraft (operationally fixed).

5-401G HHC, Engr Amph Bde

Mission. a. To command assigned and attached units.

b. To provide the shore party HQ of a corps landing force during amphibious or shore-to-shore operations.

c. To provide assistance in planning and executing amphibious and shore-to-shore operations, including landing on a hostile shore and crossing major rivers and other water barriers.

Assignment. To field army, as required, to support a corps-size landing force in amphibious or shore-to-shore operations.

Capabilities. a. At level 1, this unit provides —

(1) Command and control of assigned and attached units.

(2) Assistance to a corps commander and

staff in planning an amphibious or shore-to-shore operation.

(3) A corps shore party HQ.

(4) Communication support to the corps shore party.

(5) Supervision for collection, evaluation, and dissemination of engineer intelligence information to include preparing terrain, hydrographic, and hydrologic reports.

b. This unit is not adaptable to a type B organization.

c. The following additional capabilities may be provided, as required:

(1) Aerial liaison, reconnaissance, and transportation support to the corps shore party when augmented by appropriate teams from 500- and 600-series TOE.

(2) Multichannel communication facilities required for shore party operations are furnished by appropriate teams from TOE 11-500.

(3) A lieutenant commander and a yeoman are placed on temporary duty with this unit by the Navy, as required, for liaison during specific operations. This unit provides logistic support for these liaison personnel.

d. Individuals of this organization, except medical personnel and chaplain, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 26 EM 85
Aggr 111

b. Level 2: Off 24 EM 81
Aggr 105

c. Level 3: Off 17 EM 77
Aggr 94

Basis of allocation. One per corps, as required for amphibious or shore-to-shore operations.

Category. I.

Mobility. One hundred-percent mobile.

5-402G HHC, Engr Amph Gp

Mission. a. To command assigned and attached units.

b. To provide the shore party HQ of a division landing force during amphibious or shore-to-shore operations.

c. To provide assistance in planning and executing amphibious and shore-to-shore operations, including landing on a hostile shore and crossing major rivers and other water barriers.

d. To undertake and carry out the infantry combat missions of an HHC, as required.

Assignment. To field army, as required, to sup-

port a division-size landing force in amphibious or shore-to-shore operations.

Capabilities. a. At level 1, this unit provides —

(1) Command and control of assigned and attached units.

(2) A division shore party HQ.

(3) Assistance to a division commander and staff in planning amphibious or shore-to-shore operations.

(4) Communication support to the division shore party.

(5) Supervision for collection, evaluation, and dissemination of engineer intelligence information to include preparing terrain, hydrographic, and hydrologic reports.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except chaplain and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

d. The following additional capabilities may be provided, as required:

(1) Aerial liaison, reconnaissance, and transportation support to the division shore party when augmented by appropriate teams from 500- and 600-series TOE.

(2) Multichannel communication facilities required for shore party operations are furnished by appropriate teams from TOE 11-500.

(3) An officer and enlisted rank are placed on temporary duty with this unit by the Marine Corps, as required, for liaison during specific operations. This unit provides logistic support for these liaison personnel.

Strength. a. Level 1: Off 17 EM 73
Aggr 90

b. Level 2: Off 15 EM 71
Aggr 86

c. Level 3: Off 14 EM 63 Aggr 77

Basis of allocation. One per division-size landing force.

Category. I.

Mobility. One hundred-percent mobile in organic transportation.

5-405G Engr Amph Bn

Mission. a. To command assigned and attached units.

b. To command, control, and provide the nucleus of the shore party for a brigade-size landing

force during amphibious or shore-to-shore operations.

c. To provide assistance in planning and executing amphibious and shore-to-shore operations, including landing on a hostile shore and crossing major rivers and other water barriers.

d. To provide tactical amphibious mobility for dismounted combat units in the passage of water barriers.

e. To undertake and carry out infantry combat missions, when required.

Assignment. To field army, with normal attachment to an engineer amphibious group (TOE 5-402).

Capabilities. a. At level 1, this unit provides

(1) Command and control of assigned and attached units.

(2) The nucleus of a brigade shore party.

(3) Assistance to a brigade commander and staff in planning an amphibious or shore-to-shore operation.

(4) Light armor-protected amphibian mobility for 2,040 dismounted assault troops when equipped with the LVTP-5.

(5) Engineer amphibious combat support for two BLT beach areas or a consolidated brigade beach support area.

(6) Engineer reconnaissance and intelligence for the battalion and the supported brigade-size force.

(7) Engineer intelligence, including terrain data, to the engineer amphibious group and/or engineer amphibious brigade.

(8) Medical support to a brigade landing force of two BLT.

(9) Establishment and operation of signal facilities for two BLT shore parties or one consolidated brigade beach support area.

(10) Direct support maintenance for organic engineer equipment, wheeled and tracked vehicles, and amphibious lighters.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except chaplain and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 38 WO 7
EM 671 Aggr 716

b. Level 2: Off 36 WO 7
EM 602 Aggr 645

c. Level 3: Off 35 WO 7
EM 530 Aggr 572

Basis of allocation. One per brigade-size landing force.

Category. I.

Mobility. One hundred-percent mobile.

Components. a. One HHC (TOE 5-406G).

b. Two engineer amphibian assault companies (TOE 5-407G).

c. One engineer amphibious company (TOE 5-408G).

5-406G HHC, Engr Amph Bn

Mission. a. To command assigned and attached units.

b. To command, control, and provide the nucleus of the shore party for a brigade-size landing force during amphibious or shore-to-shore operations.

c. To provide assistance in planning and executing amphibious and shore-to-shore operations, including landing on a hostile shore and crossing major rivers and other water barriers.

d. To undertake and carry out the infantry combat missions of an HHC, as required.

Assignment. Organic to engineer amphibious battalion (TOE 5-405).

Capabilities. a. At level 1, this unit provides

(1) Command and control of assigned and attached units.

(2) The nucleus of a brigade shore party HQ.

(3) Assistance to a brigade commander and staff in planning an amphibious or shore-to-shore operation.

(4) Reconnaissance within the beach support area.

(5) Breaching of natural and manmade beach obstacles and hasty removal of mines on the beach.

(6) The following medical support to a brigade landing force of two BLT:

(a) Emergency medical treatment and coordination and supervision of evacuation to offshore medical facilities. When required, additional litter bearer support may be provided from a medical collecting company (TOE 8-129).

(b) The establishment and operation of aid stations within two shore support areas.

(7) Direct support maintenance for engineer equipment, wheeled and tracked vehicles, and amphibious lighters organic to TOE 5-405.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except chaplain and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 22 WO 4
EM 240 Aggr 266
b. Level 2: Off 20 WO 4
EM 218 Aggr 242
c. Level 3: Off 19 WO 4
EM 194 Aggr 217

Basis of allocation. One per engineer amphibious battalion (TOE 5-405).

Category. I.

Mobility. One hundred-percent mobile in organic vehicles.

5-407G Engr Amph Aslt Co

Mission. a. To provide tactical amphibious mobility for dismounted combat units in the passage of water barriers and to provide skills and equipment to train other units assigned amphibious missions in amphibious or shore-to-shore operations.

b. To undertake and carry out infantry combat missions, when required.

Assignment. Organic to engineer amphibious battalion (TOE 5-405).

Capabilities. a. At level 1, this unit provides

(1) Light armor-protected amphibious mobility for 1,020 dismounted assault troops when equipped with the LVTP-5. Elements may be attached to one or more BLT in amphibious or shore-to-shore operations.

(2) Machinegun fire support in the assault phase of an amphibious or shore-to-shore operation.

(3) Local security and supplements beach support area defense, as required.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 5 WO 1
EM 129 Aggr 135
b. Level 2: Off 5 WO 1
EM 115 Aggr 121
c. Level 3: Off 5 WO 1
EM 100 Aggr 106

Basis of allocation. Two per engineer amphibious battalion (TOE 5-405).

Category. I.

Mobility. One hundred-percent mobile when the LVTP is used for land movement.

5-408G Engr Amph Co

Mission. a. To provide the control and nucleus for the shore party of a brigade-size landing force during amphibious or shore-to-shore operations.

b. To provide assistance in planning and executing amphibious and shore-to-shore operations, including landing on a hostile shore and crossing major rivers and other water barriers.

c. To undertake and carry out combat missions of an infantry unit, when required.

Assignment. Organic to engineer amphibious battalion (TOE 5-405).

Capabilities. a. At level 1, this unit provides

(1) Command, staff planning, and supervision of the operations of two BLT shore parties or one brigade landing team shore party.

(2) Engineer amphibious combat support for two BLT beach areas or a consolidated brigade beach support area as follows:

(a) Breaching extensive natural and man-made beach obstacles.

(b) Detecting and removing mines within the beach support area.

(c) Constructing and maintaining beach exits.

(d) Destroying enemy beach fortifications.

(e) Performing other engineer work necessary to develop and expand beach capacities.

(f) Providing operational control of beaches.

(g) Providing local security for the beach support area.

(h) Erecting obstacles in the beach area.

(3) Establishment and operation of the following signal facilities for two BLT shore parties or one consolidated brigade beach support area:

(a) Message center, cryptographic, and RATT service.

(b) Manual telephone switchboard and local telephone service.

(c) CW and AM and FM voice radio stations in the BLT and brigade radio nets.

(d) Trunk line and signal center service to shore party elements.

(e) Visual signals consisting of semaphore and blinkers for shore-to-ship and shore-to-shore communications.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

- Strength.* a. Level 1: Off 6 WO 1
EM 173 Aggr 180
b. Level 2: Off 6 WO 1
EM 154 Aggr 161
c. Level 3: Off 6 WO 1
EM 136 Aggr 143

Basis of allocation. One per engineer amphibious battalion (TOE 5-405).

Category. I.

Mobility. One hundred-percent mobile.

5-500G Engr Admin and HQ Tms

Mission. To provide command and administrative support for engineer composite units. Teams command engineer composite service or combat support units organized from 5-500-series TOE teams to perform engineer technical service or combat support functions.

Assignment. Attached or assigned, as required, to fixed-strength field units.

Capabilities. a. The capabilities of engineer composite units commanded by these teams will vary with the number and groupings of individual teams used. Capabilities of each team are as indicated in the detailed breakdown of teams below.

b. Necessary mess, organizational maintenance, supply, administrative, and personnel service teams are provided the composite units by attaching TOE 29-500- and TOE 29-600-series teams.

c. These teams are not adaptable to levels 2 and 3.

d. These teams are not adaptable to a type B organization.

e. Individuals of these teams can engage in effective, coordinated defense of their area or installation.

Strength. See individual teams below for strengths.

Basis of allocation. As required, depending on special engineer support requirements for composite units. Types of allocations are as indicated in the detailed breakdown of teams below.

Category. The category assigned each engineer composite unit commanded by one of these teams is based on the mission, composition of

unit, and area of employment of the unit to which assigned or attached.

Mobility. Teams are 100-percent mobile. The mobility of the commanded engineer composite unit must be computed for each individual unit, based on its composition.

Detailed Breakdown of Teams Teams AB and AC

Team AB, platoon headquarters, separate

Capabilities. Provides command and minimal administrative and logistic support for two or more 5-500-series TOE teams organized into an engineer composite unit of platoon size.

Strength. Off 1 EM 3 Aggr 4

Basis of allocation. One per platoon composed of 5-500-series TOE teams, with an aggregate strength of about 40 to 60 persons, and to which no officer is assigned.

Team AC, company headquarters

Capabilities. Provides command and minimal administrative and logistic support for two or more 5-500-series TOE platoons organized into an engineer composite unit of company size.

Strength. Off 2 EM 6 Aggr 8

Basis of allocation. One per engineer composite unit comprising two or more platoons composed of 5-500-series TOE teams, with an aggregate strength of about 80 to 120 individuals.

5-510G Engr Fftg Tms

Mission. To provide engineer firefighting service support to the army, as required.

Assignment. Teams may be attached or assigned, as required, to fixed-strength units or may be organized into engineer firefighting platoons consisting of an HQ (team FA), one water truck (team FC), and from three to five firetrucks (team FB).

Capabilities. a. Individual team capabilities are as indicated in the detailed breakdown of teams below; capabilities of an engineer firefighting platoon comprised of these teams will vary with the numbers and types of teams used.

b. These teams must be furnished mess, organizational maintenance, supply, administrative, and personnel services by the supported unit or by appropriate teams from TOE 29-500 and TOE 29-600 series.

c. This unit is not adaptable to levels 2 and 3.

d. This unit is not adaptable to a type B organization.

e. Individuals of these teams can engage in effective, coordinated defense of their area or installation.

Strength. See individual teams below for strengths.

Basis of allocation. a. FASCOM. Normally six platoons per eight-division field army (two per support brigade).

b. TASCOT. Normally three platoons per area support group. For support on an area basis.

c. Types of allocations for individual teams are as indicated in the detailed breakdown of teams below.

Category. II.

Mobility. One hundred-percent mobile; the mobility of engineer composite units must be computed.

Detailed Breakdown of Teams Teams FA—FD

Team FA, firefighting headquarters

Capabilities. Plans for overall area fire prevention and the firefighting program and controls assigned or attached firefighting teams.

Strength. Off 1 EM 3 Aggr 4

Basis of allocation. Normally one per three to five firefighting teams and one water truck team.

Team FB, firetruck

Capabilities. Provides fire protection and implements the fire prevention program for areas housing from 5,000 to 10,000 troops or warehouses and open stockpile storage of 100,000 square feet.

Strength. EM 6

Basis of allocation. One per post, base, camp, or station housing from 5,000 to 10,000 troops or warehouses and open storage area of 100,000 square feet.

Team FC, water truck

Capabilities. Transports water for firefighting purposes when insufficient water is available.

Strength. EM 2

Basis of allocation. One per firefighting HQ; additional as required.

Team FD, brush firetruck

Capabilities. This team, when augmented by volunteer personnel with handtools, furnishes protection against grass or brush fires within the assigned area of operations and also can be used to a limited degree to combat structural fires.

Strength. EM 2

Basis of allocation. (As required) one per

post, base, camp, or station housing up to 5,000 troops or warehouses and open storage area of 100,000 square feet.

5-520G Engr Equip Op Tms

Mission. To provide engineer equipment operating teams for support to the army, as required.

Assignment. Teams may be attached or assigned to fixed-strength units or may be organized into an engineer composite service unit to provide for engineer equipment operations under varying conditions.

Capabilities. a. Individual team capabilities are as indicated in the detailed breakdown of teams below. Capabilities of an engineer composite unit comprised of these teams will vary with the numbers and types of teams used.

b. These teams are not adaptable to levels 2 and 3.

c. These teams are not adaptable to a type B organization.

d. These teams must be furnished mess, maintenance (except as noted in individual team capabilities below), supply, administration, and personnel services by the supported HQ or by appropriate teams from TOE 29-500 and TOE 29-600 series.

e. Individuals of these teams can engage in effective, coordinated defense of their area or installation.

Strength. See individual teams below for strengths.

Basis of allocation. These teams are allocated, as required, to meet the engineer equipment operation requirements of the major command. Types of allocations are as indicated in the detailed breakdown of teams below.

Category. The category of each team depends on the category of the unit to which assigned or other varying conditions under which the team may operate.

Mobility. See individual teams below for mobility. Mobility of engineer composite units must be computed.

Detailed Breakdown of Teams Teams GA—GJ

Team GA, forestry

Capabilities. Provides personnel and equipment for logging and sawmill operations to produce rough lumber and timber piling. Can produce from 10,000 to 15,000 board feet of rough

lumber and timber piling per day. Personnel are provided to perform organizational maintenance on organic engineer equipment.

Strength. Off 1 EM 43 Aggr 44

Basis of allocation. As required. Normally attached to a supply and service battalion of a general support group, to an engineer construction group, or to support independent, large-scale operations.

Mobility. Seventy-five-percent mobile.

Team GB, acetylene, nitrogen, and oxygen production

Capabilities. Provides qualified personnel and equipment to operate one acetylene generating plant of 750-cubic-foot-per-hour capacity and two oxygen-nitrogen generating plants of 1,000 cubic-foot-per-hour capacity each. Operates and maintains machinery to generate acetylene, oxygen, and nitrogen gases and to store limited quantities of these gases. Personnel are provided to perform direct support and organizational maintenance on organic gas generation equipment and organizational maintenance on electric power generation equipment.

Strength. Off 1 EM 26 Aggr 27

Basis of allocation. Normally one per functionalized depot.

Mobility. Fifty-percent mobile.

Team GC, carbon-dioxide and dry ice production

Capabilities. Provides qualified personnel and equipment for the generation, storage, and transportation of carbon dioxide in gaseous, liquid, and solid (dry ice) forms. Operates machinery for the generation of carbon-dioxide gas, production of dry ice, and storage of limited quantities of both. Personnel are provided to perform direct support and organizational maintenance on organic gas generation equipment.

Strength. Off 1 EM 12 Aggr 13

Basis of allocation. Normally one per functionalized depot, as required.

Mobility. Forty-four-percent mobile.

Team GD, quarrying and rock processing

Capabilities. Provides qualified personnel and equipment for two-shift operation of the 225-ton-per-hour crushing, screening, and washing plant and issue of product to users. Provides personnel and equipment for drilling and blasting operations required to produce raw stone for operating the 225-ton-per-hour plant. Can haul 120 tons of rock per trip from quarry to processing plant. Personnel are provided to perform organizational

maintenance on organic engineer and electric power generation equipment.

Strength. Off 1 EM 73 Aggr 74

Basis of allocation. As required. Normally attached to an engineer construction group.

Mobility. Thirty-percent mobile.

Team GE, well drilling

Capabilities. Provides supervisory personnel and equipment for drilling and developing water wells. On a two-shift basis, installs casings, screens, and pumps and develops well to supply water to units or stations at wellhead. Supported unit must provide helper personnel for effective utilization of the team.

Strength. EM 2

Basis of allocation. As required. Normally attached to an engineer construction or combat unit to provide additional support for drilling operations.

Mobility. One hundred-percent mobile.

Remarks. Team GE will be replaced by team GE (DPTOE change to TOE 5-520G), when published.

Team GE, well drilling (DPTOE change to TOE 5-520G)

Capabilities. Provides qualified personnel and equipment for drilling and developing water wells. Drills wellholes ranging from 5 $\frac{7}{8}$ to 10 $\frac{5}{8}$ inches in diameter and up to 1,500 feet deep. On a one-shift basis, installs casings, screens, and pumps and develops well to produce water at a wellhead. The unit to which attached must provide additional personnel for effective utilization of this team.

Strength. EM 5

Basis of allocation. As required. Normally attached to an engineer construction or combat unit to provide additional support for drilling operations.

Mobility. Seventy-five-percent mobile.

Remarks. DPTOE change to TOE 5-520G at HQ, USACDC, for review at the time of preparation of this manual. When published, the team GE included above will replace team GE shown in current DA-published TOE 5-520G.

Team GF, well drilling (airborne)

Capabilities. Provides airborne supervisory personnel and equipment for developing and drilling water wells. On a two-shift basis, installs casings, screens, and pumps and develops drilled wells to supply water at the waterhead. May drill blastholes up to 4 $\frac{7}{8}$ inches in diameter and up to

500 feet deep for quarrying or to create obstacles and barriers. Supported unit must provide helper personnel for effective utilization of the team.

Strength. EM 2

Basis of allocation. As required. Normally attached to the engineer combat battalion, airborne, or to the engineer battalion, airborne division. May be attached to the engineer light equipment company, airborne.

Mobility. One hundred-percent mobile.

Remarks. Team GF will be replaced by team GF (DPTOE change to TOE 5-520G), when published.

Team GF, well drilling (airborne) (DPTOE change to TOE 5-520G)

Capabilities. Provides airborne supervisory personnel and equipment for developing and drilling water wells. Installs casings, screens, and pumps and develops drilled wells to supply water at the waterhead. May drill blastholes up to 4 $\frac{7}{8}$ inches in diameter and up to 500 feet deep for quarrying or to create obstacles and barriers. Supported unit must provide helper personnel for effective utilization of the team.

Strength. EM 2

Basis of allocation. As required. Normally attached to the engineer combat battalion, airborne, or to the engineer battalion, airborne division. May be attached to the engineer light equipment company, airborne.

Mobility. One hundred-percent mobile.

Remarks. DPTOE change to TOE 5-520G at HQ, USACDC, for review at the time of preparation of this manual. When published, the team GF included above will replace team GF shown in current DA-published TOE 5-520G.

Team GG, water purification (3,000 gph)

Capabilities. Provides personnel and equipment capable of purifying up to 3,000 gallons of potable water per hour and storage tanks for 9,000 gallons.

Strength. EM 4

Basis of allocation. As required. Normally attached to an engineer unit with a water supply requirement.

Mobility. One hundred-percent mobile.

Remarks. Team GG will be replaced by team GG (DPTOE change to TOE 5-520G), when published.

Team GG, water purification (3,000 gph) (DPTOE change to TOE 5-520G)

Capabilities. Provides personnel and equip-

ment capable of purifying up to 3,000 gallons of potable water per hour and storage tanks for 9,000 gallons. When required, and working in conjunction with the water purification unit, the ion exchange unit can remove dissolved radioactive isotopes from water at 3,000 gallons per hour.

Strength. EM 5

Basis of allocation. As required. Normally attached to an engineer unit with a water supply requirement.

Mobility. One hundred-percent mobile.

Remarks. DPTOE change to TOE 5-520G at HQ, USACDC, for review at the time of preparation of this manual. When published, the team GG included above will replace team GG shown in current DA-published TOE 5-520G.

Team GH, water purification (12,000 gph)

Capabilities. Provides personnel for the operation of a central field waterplant. Operates multiple standard purification units forming a central field plant supporting from 6,000 to 60,000 individuals. (Public works and utility teams (TOE 41-500) supervise operations of existing municipal water supply systems supporting up to 200,000 individuals.)

Strength. Off 1 EM 11 Aggr 12

Basis of allocation. As required. Normally attached to an engineer unit with a large water supply requirement or mission.

Mobility. One hundred-percent mobile.

Remarks. Team GH will be replaced by team GH (DPTOE change to TOE 5-520G), when published.

Team GH, water purification (12,000 gph) (DPTOE change to TOE 5-520G)

Capabilities. Provides personnel for the operation of a central field waterplant. Operates multiple standard purification units forming a central field plant supporting from 6,000 to 60,000 individuals. (Public works and utility teams (TOE 41-500) supervise operations of existing municipal water supply systems supporting up to 200,000 individuals.) When required, and working in conjunction with one of the water purification units, the ion exchange unit can remove dissolved radioactive isotopes from water at 3,000 gallons per hour.

Strength. Off 1 EM 12 Aggr 13

Basis of allocation. As required. Normally attached to an engineer unit with a large water supply requirement or mission.

Mobility. One hundred-percent mobile.

Remarks. DPTOE change to TOE 5-520G at

HQ, USACDC, for review at the time of preparation of this manual. When published, the team GH included above will replace team GH shown in current DA-published TOE 5-520G.

Team GI, water distillation (250 gph)

Capabilities. Provides technically qualified personnel and equipment to provide potable water by distillation, using sea or brackish water as a raw water source. The team can produce 5,000 gallons of potable distilled water per day by operating on a two-shift basis (20 hours).

Strength. EM 5

Basis of allocation. As required. May be attached to any size unit or assigned a civic action mission on an as-required basis.

Mobility. One hundred-percent mobile.

Remarks. Team GI will be replaced by team GI (DPTOE change to TOE 5-520G), when published.

Team GI, water distillation (300 gph) (DPTOE change to TOE 5-520G)

Capabilities. Provides technically qualified personnel and equipment to provide potable water by distillation, using sea or brackish water as a raw water source. The team can produce 6,000 gallons of potable distilled water per day by operating on a two-shift basis (20 hours).

Strength. EM 5

Basis of allocation. As required. May be attached to any size unit or assigned a civic action mission on an as-required basis.

Mobility. One hundred-percent mobile.

Remarks. DPTOE change to TOE 5-520G at HQ, USACDC, for review at the time of preparation of this manual. When published, the team GI included above will replace team GI shown in current DA-published TOE 5-520G.

Team GJ, water transport (5,000 gal)

Capabilities. Provides personnel and equipment for short hauls of from 10 to 15 miles to transport water in bulk to dry water points; 5,000 gallons can be transported per trip.

Strength. EM 8

Basis of allocation. As required. Normally attached to an engineer unit with a water-hauling requirement or mission.

Mobility. One hundred-percent mobile.

5-530G Engr Const, Util, and Elec Power Tms

Mission. To provide engineer construction, utilities, and electrical power teams for specialized support to the army, as required.

Assignment. Teams may be attached or assigned to fixed-strength units or may be organized into an engineer composite service unit to provide engineer construction, utilities, or electrical power support under varying conditions.

Capabilities. a. Individual team capabilities are as indicated in the detailed breakdown of teams below. Capabilities of an engineer composite unit comprised of these teams will vary with the numbers and types of teams used.

b. These teams must be furnished mess, organizational maintenance, supply, administrative, and personnel services by the supported unit or by appropriate teams from TOE 29-500 and TOE 29-600 series.

c. This unit is not adaptable to levels 2 and 3.

d. These teams are not adaptable to a type B organization.

e. Individuals of these teams can engage in effective, coordinated defense of their area or installation.

Strength. See individual teams below for strengths.

Basis of allocation. These teams are allocated as demanded by specialized engineer construction, utilities, or electrical power requirements. Types of allocations are as indicated in the detailed breakdown of teams below.

Category. III.

Mobility. See individual teams below for mobility; mobility of engineer composite units must be computed.

Detailed Breakdown of Teams Teams HA—HJ

Team HA, diving

Capabilities. Provides personnel and equipment to accomplish shallow-water or deepwater diving in support of port construction and rehabilitation and construction of underwater pipelines.

Strength. Off 1 EM 8 Aggr 9

Basis of allocation. Normally one per engineer group, when engaged in major port or underwater pipeline projects.

Mobility. Eighty-percent mobile.

Team HB, pipeline design

Capabilities. Provides qualified personnel to assist in the design and supervision of specialized pipeline construction projects. Assists in site reconnaissance and selection of major tank farm locations, pipeline routes, and pertinent structures, including off-vessel discharging and loading facilities.

ties and fixed dispensing equipment; assists in design and layout, preparation of construction and specifications, selection of materiel and equipment, and formulation of a construction plan; and assists in the management and supervision of construction operations.

Strength. Off 2 EM 4 Aggr 6

Basis of allocation. Normally to an engineer construction group on an as-required basis.

Mobility. One hundred-percent mobile.

Team HC, real estate

Capabilities. Provides qualified personnel to perform functions incidental to acquisition, utilization, and disposal of real property required or occupied for military purposes. Inventories and records installed and personal property located in installations, bakeries, factories, foundries, hospitals, hotels, machine shops, mills, private dwellings, public utilities, and operating facilities when augmented by appropriate technical specialists.

Strength. Off 5 EM 11 Aggr 16

Basis of allocation. Normally to a FASCOM and/or an ASCOM, as required.

Mobility. One hundred-percent mobile.

Team HD, welding

Capabilities. Provides qualified welders and equipment for one mobile welding shop. One or more teams can be attached to units with welding requirements in excess of organic capability.

Strength. EM 2

Basis of allocation. Normally to an engineer construction brigade, construction group, or functionalized general support group, as required.

Mobility. One hundred-percent mobile.

Team HE, utilities (2,500)

Capabilities. Provides for maintenance of utilities at installations with a population of up to 2,500 individuals; provides post engineer-type service to overseas or theater of operation installations; maintains utilities service and repair, including maintenance of environmental equipment (air conditioners, heaters, and refrigeration equipment). Specialized tools and equipment required to carry out the repair and utility functions described above are provided by the installation or activity supported, under the provisions of AR 310-34 and/or AR 385-32.

Strength. Off 1 EM 30 Aggr 31

Basis of allocation. Normally to the corps support brigade of FASCOM.

Mobility. Ninety-five-percent mobile.

Remarks. Team HE will be replaced by team

HE (DPTOE change to TOE 5-530G), when published.

Team HE, utilities (2,500) (DPTOE change to TOE 5-530G)

Capabilities. Provides for maintenance of utilities at installations with a population of up to 2,500 individuals; provides post engineer-type service to overseas or theater of operation installations; maintains utilities service and repair, including maintenance of environmental equipment (air conditioners, heaters, and refrigeration equipment). Specialized tools and equipment required to carry out the repair and utility functions described above are provided by the installation or activity supported, under the provisions of AR 310-34 and/or AR 385-32.

Strength. Off 1 EM 33 Aggr 34

Basis of allocation. Normally to the corps support brigade of FASCOM on the basis of one team for each camp, post, depot, or installation with a population of up to 2,500 individuals.

Mobility. Ninety-five-percent mobile.

Remarks. DPTOE change to TOE 5-530G at HQ, USACDC, for review at the time of preparation of this manual. When published, the team HE included above will replace team HE shown in current DA-published TOE 5-530G.

Team HF, utilities (4,000)

Capabilities. Provides for maintenance of utilities at installations of from 2,500 to 4,000 individuals; provides post engineer-type service in overseas or theater of operation installations; maintains utilities and furnishes utilities service and repair, including maintenance of environmental equipment (air conditioners, heaters, and refrigeration equipment). Specialized tools and equipment required to carry out the repair and utility functions described above must be provided by the installation or activity supported, under the provisions of AR 310-34 and/or AR 385-32.

Strength. Off 1 WO 1 EM 50 Aggr 52

Basis of allocation. Normally to the ASCOM of TASCAM and/or the ENCOM.

Mobility. Ninety-five-percent mobile.

Remarks. Team HF will be replaced by team HF (DPTOE change to TOE 5-530G), when published.

Team HF, utilities (4,000) (DPTOE change to TOE 5-530G)

Capabilities. Provides for maintenance of utilities at installations of from 2,500 to 4,000 individuals; provides post engineer-type service in overseas or theater of operation installations;

maintain and repair electrical equipment, including equipment for the maintenance and repair of electrical equipment, and equipment for the maintenance and repair of electrical equipment. The equipment is maintained by the maintenance personnel under the provisions of AR 310-34.

Strength. Off 2 WO 1 EM 65 Aggr 68

Basis of allocation. Normally to an engineer construction brigade.

Mobility. Sixty-percent mobile.

Remarks. DPTOE change to TOE 5-530G at HQ, USAACDC, for review at the time of preparation of this manual changes strength of team HI included above. The change is included in current DA Pam 7-10.1. Team HI, engineer floating powerplant (nuclear) TOE 5-530G.

Capabilities. Provides technically qualified personnel and equipment to supply large amounts of electrical power (10--50 megawatts) from nuclear fuel in support of military operations in coastal areas or along navigable waterways. This plant requires towing to the desired operating location. (It is operated while berthed at a suitable wharf, pier, or offshore anchorage position. When operating from the offshore anchorage position, power is distributed to shore by submarine power cables.) Approximately 2 megawatts of electrical power from auxiliary diesel generators is available on floating nuclear powerplants for ship's service, startup, and limited support to immediate shore facilities during preparations for reactor plant operations. The reactor plant can provide power for long periods with little logistic support. This team must be supported by one mess team CA from TOE 29-500 when the vessel is under tow from site to site and one or more water distillation teams from TOE 5-520 when potable water must be provided.

Strength. Off 2 WO 1 EM 65 Aggr 68

Basis of allocation. Normally to a TASCAM on an as-required basis.

Mobility. Fixed. When required to displace from one operating area to another, an appropriate towing tug is provided.

Remarks. DPTOE change to TOE 5-530G at HQ, USAACDC, for review at the time of preparation of this manual changes strength of team HI included above. The change is included in current DA Pam 7-10.1. Team HI, engineer floating powerplant (nuclear) TOE 5-530G.

Capabilities. Provides qualified personnel and equipment to install high-voltage electrical powerlines and to maintain approximately 60 miles of high-voltage electrical powerlines. Special test and protective equipment required by the team to carry out functions described above is provided by the installation or activity supported, under the provisions of paragraphs 40 and 58, AR 310-34, and/or AR 385-39.

Strength. Off 1 EM 18 Aggr 14

Basis of allocation. Normally to an engineer construction brigade.

Mobility. Sixty-percent mobile.

Team HI, engineer floating powerplant (nuclear)

Capabilities. Provides technically qualified personnel and equipment to supply large amounts of electrical power (10--50 megawatts) from nuclear fuel in support of military operations in coastal areas or along navigable waterways. This plant requires towing to the desired operating location. (It is operated while berthed at a suitable wharf, pier, or offshore anchorage position. When operating from the offshore anchorage position, power is distributed to shore by submarine power cables.) Approximately 2 megawatts of electrical power from auxiliary diesel generators is available on floating nuclear powerplants for ship's service, startup, and limited support to immediate shore facilities during preparations for reactor plant operations. The reactor plant can provide power for long periods with little logistic support. This team must be supported by one mess team CA from TOE 29-500 when the vessel is under tow from site to site and one or more water distillation teams from TOE 5-520 when potable water must be provided.

Strength. Off 2 WO 1 EM 65 Aggr 68
(See remarks.)

Basis of allocation. Normally to a TASCAM on an as-required basis.

Mobility. Fixed. When required to displace from one operating area to another, an appropriate towing tug is provided.

Remarks. DPTOE change to TOE 5-530G at HQ, USAACDC, for review at the time of preparation of this manual changes strength of team HI to Off 2 WO 1 EM 66 Aggr 68.

Team HJ, powerline

Capabilities. Provides qualified personnel and equipment to install high-voltage electrical powerlines and to maintain approximately 60 miles of high-voltage electrical powerlines. Special test and protective equipment required by the team to carry out functions described above is provided by the installation or activity supported, under the provisions of paragraphs 40 and 58, AR 310-34, and/or AR 385-39.

Strength. Off 1 EM 18 Aggr 14

Basis of allocation. Normally one per two electric power generating plant of 200 to 2,500-kilowatt capacity.

Mobility. One hundred percent mobile.

5-540G Engr Topo and Intel Tms

Mission. To provide engineer topographic and intelligence teams for specialized support to the army, as required.

Assignment. Teams may be attached or assigned to fixed-strength units or may be organized into an engineer composite service unit to provide engineer topographic and intelligence support under varying conditions.

Capabilities. a. Individual team capabilities are as indicated in the detailed breakdown of teams below. Capabilities of an engineer composite unit composed of these teams will vary with the numbers and types of teams used.

b. These teams must be furnished mess, organizational maintenance, supply, administrative, and personnel services by the supported unit or by appropriate teams from TOE 29-500 and TOE 29-600 series.

c. This TOE is not adaptable to levels 2 and 3.

d. This unit is not adaptable to a type B organization.

e. Individuals of these teams can engage in effective, coordinated defense of their area or installation.

Strength. See individual teams below for strengths.

Basis of allocation. These teams are allocated, as required, by the engineer topographic or intelligence requirements of the supported unit.

Category. II.

Mobility. See individual teams below for mobility. Mobility of engineer composite units must be computed.

Detailed Breakdown of Teams

Teams IA-IX

Team IA, topographic planning and control

Capabilities. Provides map program and other engineer intelligence planning and technical supervision of map and engineer intelligence compilation, surveying, and geodetic activities, including supervision, collection, maintenance, and dissemination of engineer topographic and artillery fire control survey data; coordinates map and engineer intelligence reproduction to include evaluation of reproduction facilities and planning the employment of such facilities; supervises the topographic map and engineer intelligence program, including the operation of map and engineer intelligence depots and supply points throughout the command. Maintains liaison with higher HQ and allied armies. Supervises the indigenous reproduc-

tion and mapping of the program used to accomplish the mission.

Strength. WO 8 EM 14 Aggr 40

Basis of allocation. One per theater army HQ, field army HQ, or topographic battalion, as required.

Mobility. One hundred percent mobile.

Team IB, geodetic survey

Capabilities. Provides qualified personnel and equipment to perform, instruct, or supervise first-order triangulation, elevation surveys and computations for first-order operation survey operation on the battlefield, for guided-missile and artillery fire control support.

Strength. WO 3 EM 14 Aggr 20

Basis of allocation. One per topographic battalion.

Mobility. One hundred percent mobile.

Team IC, survey

Capabilities. Provides qualified personnel and equipment to perform second-, third-, and fourth-order topographic surveys and artillery fire control support surveys. Tower support and RADAC support are provided by the supported unit. (See TOE 5-306 for internal organization of this team.)

Strength. WO 4 EM 14 Aggr 15

Basis of allocation. One to a topographic unit.

Mobility. One hundred percent mobile.

Team ID, survey

Capabilities. Provides qualified personnel and equipment to perform second-, third-, and fourth-order topographic surveys and artillery fire control support surveys. Tower support or independent airborne force to include support of the engineer combat battalion, airborne (TOE 5-195). Tower support and RADAC support must be provided by the supported unit. (See TOE 5-306 for internal organization of this team.)

Strength. WO 4 EM 14 Aggr 15

Basis of allocation. One to a topographic unit.

Mobility. One hundred percent mobile.

Team IE, photographic evaluation

Capabilities. Provides qualified personnel and equipment to evaluate a USAF photographic unit's production of photography to determine its suitability for the compilation of military topographic maps.

Strength. WO 1 EM 14 Aggr 9

Basis of allocation. Normally to an engineer topographic battalion.

Mobility. One hundred-percent mobile.

Team IF, photomapping platoon

Capabilities. Provides qualified personnel and equipment for the preparation and revision of topographic planimetric and special maps, photomaps, mosaics, and other engineer intelligence data to include final drafting of map manuscripts, color-separation drawings and scribed manuscripts, grids, and marginal data. Requires water supply support from the supported unit. (See TOE 5-308 for internal organization of this team.)

Strength. Off 1 WO 1 EM 42 Aggr 44

Basis of allocation. May be attached to an engineer topographic battalion when mapping operations require additional effort.

Mobility. Eighty-percent mobile.

Team IG, map reproduction platoon

Capabilities. Provides qualified personnel and equipment for the production of maps and other engineer intelligence materials from original manuscripts. (See TOE 5-307 for internal organization of this platoon.)

Strength. Off 1 WO 1 EM 49 Aggr 51

Basis of allocation. Normally attached to an engineer topographic unit when mapping operations require additional effort.

Mobility. Eighty-percent mobile.

Team IH, map distribution platoon

Capabilities. Provides qualified personnel and equipment for the receipt, storage, issue, and distribution of maps and other engineer intelligence materials for a base, army, or corps. This platoon may operate a depot. (See TOE 5-307 for internal organization of this platoon.)

Strength. Off 1 EM 37 Aggr 38

Basis of allocation. Normally one to three per topographic battalion to operate forward depots.

Mobility. Eighty-percent mobile.

Team II, military hydrology (May be added to TOE 5-540G at a later date.)

Team IJ, terrain

Capabilities. Provides qualified personnel and equipment for the collection, evaluation, and dissemination of military terrain data, production of military terrain studies, and consultant services in military geology and hydrology.

Strength. Off 6 EM 7 Aggr 13

Basis of allocation. Normally one per field army.

Mobility. One hundred-percent mobile.

Team IK, hydrographic survey (DPTOE change to TOE 5-540G)

Capabilities. Conducts hydrographic surveys of rivers, harbors, lakes, and other waterways that are essential to military operations. Collects and records hydrographic data of surveyed waterways. Performs reduction and analytical computations of collected data and prepares final manuscripts for supported units. Cartographic and reproduction requirements in excess of team capabilities must be provided by engineer topographic units. Team requirements for boats in which the organic boats are not adaptable must be provided by engineer or transportation units.

Strength. Off 2 EM 10 Aggr 12

Basis of allocation. Normally one per field army or separate corps. May be assigned to a geographical area as determined by waterway characteristics.

Mobility. One hundred-percent mobile.

Remarks. DPTOE change to TOE 5-540G, which includes the addition of team IK, at HQ, USACDC, for review at the time of preparation of this manual.

5-550G Engr Dredge Tms

Mission. To provide teams for the operation of engineer dredges for specialized support to the army, as required.

Assignment. Teams may be attached or assigned to fixed-strength units or may be organized into an engineer composite service unit to provide engineer dredge support under varying conditions.

Capabilities. a. At level 1, the capabilities of an engineer composite unit comprised of these teams will vary with the numbers and types of teams used. Individual team capabilities are as indicated in the detailed breakdown of teams below.

b. These teams are not adaptable to levels 2 and 3.

c. These teams are not adaptable to a type B organization.

d. These teams must be furnished mess, supply, administrative, and personnel services by the supported unit or by appropriate teams from TOE 29-500 and TOE 29-600 series.

e. Individuals of these teams can engage in effective, coordinated defense of their area or installation.

Strength. See individual teams below for strengths.

Basis of allocation. These teams are allocated as demanded by the engineer dredging requirements of the supported unit. Normal assignment of these teams is to TASCQM, as required.

Category. III.

Mobility. These teams have no land mobility. See individual teams below for water mobility.

Detailed Breakdown of Teams

Teams JA—JE

Team JA, pipeline cutterhead, 12- to 16-inch discharge diameter

Capabilities. When augmented by one mess team CA and one mess team CB from TOE 29-500, this unit operates and maintains one diesel-powered 12- to 16-inch pipeline cutterhead-type dredge.

Strength. Off 5 WO 6 EM 31 Aggr 42

Water mobility. This team is either fixed or 100-percent mobile, depending on the specific dredge employed. Some dredges in this class are self-propelled; others are not. Nonself-propelled dredges are dependent on an appropriate towing tug to displace from one operating area to another.

Team JB, pipeline cutterhead, 18- to 24-inch discharge diameter

Capabilities. When augmented by one mess team CA and one mess team CB from TOE 29-500, this unit operates and maintains one diesel-electric or steam-powered 18- to 24-inch pipeline cutterhead-type dredge.

Strength. Off 5 WO 7 EM 55 Aggr 67

Water mobility. This team is either fixed or 100-percent mobile, depending on the specific dredge employed. Some dredges in this class are self-propelled; others are not. Nonself-propelled dredges are dependent on an appropriate towing tug to displace from one operating area to another.

Team JC, seagoing hopper, 500- to 900-cubic-yard capacity

Capabilities. When augmented by one mess team CA and two mess teams CB from TOE 29-500, this unit operates and maintains a seagoing hopper, diesel-electric-powered, 500- to 900-cubic-yard dredge.

Strength. Off 4 WO 9 EM 51 Aggr 64

Water mobility. One hundred-percent mobile.

Team JD, seagoing hopper, 3,000-cubic-yard capacity

Capabilities. When augmented by one mess

team CA and three mess teams CB from TOE 29-500, this unit operates and maintains one seagoing hopper, steam-powered, 3,000-cubic-yard dredge.

Strength. Off 7 WO 12 EM 70 Aggr 89

Water mobility. One hundred-percent mobile. **Team JE**, seagoing hopper, 6,000- to 8,100-cubic-yard capacity

Capabilities. When augmented by one mess team CA and three mess teams CB from TOE 29-500, this unit operates and maintains one seagoing hopper, steam-powered, 6,000- to 8,100-cubic-yard dredge.

Strength. Off 10 WO 9 EM 79 Aggr 98

Water mobility. One hundred-percent mobile.

5-560G Engr Civic Action Tms

Mission. To provide engineer civic action teams for specialized support of the army, as required.

Assignment. Teams may be attached or assigned to a fixed-strength unit or may be organized into an engineer composite unit to provide for engineer civic action support under varying conditions.

Capabilities. a. Individual team capabilities are as indicated in the detailed breakdown of teams below. Capabilities of an engineer composite unit comprised of these teams will vary with the numbers and types of teams used.

b. These teams are not adaptable to levels 2 and 3.

c. These teams are not adaptable to a type B organization.

d. These teams must be furnished mess, organizational maintenance, supply, administration, and personnel services by the supported HQ or by appropriate teams from TOE 29-500 and TOE 29-600 series.

e. Individuals of these teams can engage in effective, coordinated defense of their area or installation.

Strength. See individual teams below for strengths.

Basis of allocation. These teams are allocated, as necessary, to meet the engineer civic action requirements of the major command. Types of allocations are as indicated in the detailed breakdown of teams below.

Category. III.

Mobility. One hundred-percent mobile; mobility of engineer composite units must be computed.

Detailed Breakdown of Teams Teams KA—KC

Team KA, engineer civic action headquarters

Capabilities. Provides supervision and staff planning for the operations of all engineer elements assigned or attached to a special action force. Provides an engineer staff to a special action force. Provides administrative support for subordinate teams.

Strength. Off 2 WO 1 EM 7 Aggr 10

Basis of allocation. One per two to three engineer civic action control teams (KB).

Team KB, engineer civic action control

Capabilities. Provides engineer staff personnel for a special forces command and control element subordinate to the special action force. Provides supervision and staff planning, coordination, and administrative support for subordinate engineer teams.

Strength. Off 2 EM 3 Aggr 5

Basis of allocation. One per four to nine engineer civic action advisory teams (KC).

Team KC, engineer civic action advisory

Capabilities. Advises indigenous engineer forces on civic action-type projects such as farm-to-market roads, bridges, village wells, sanitation developments, and construction of schools, hospitals, or other types of public buildings. Assists indigenous engineer units in preparing to support their own tactical troops in stability operations. Assists and advises U.S. military forces when committed in support of indigenous forces. Supervises operations with indigenous counterparts.

Strength. Off 1 EM 4 Aggr 5

Basis of allocation. One per indigenous force comparable in size to a U.S. Army engineer combat battalion or one per municipal area for civic actions, as required.

5-570G Engr Cbt Spt Tms

Mission. To provide ADM teams for combat support to the Army (including friendly nonnuclear powers), as required.

Assignment. Teams may be attached or assigned to U.S. or friendly fixed-strength military units or may be organized into an engineer composite combat support unit to provide for engineer ADM support under varying conditions.

Capabilities. a. Individual team capabilities are as indicated in the detailed breakdown of teams below. Capabilities of an engineer compos-

ite unit comprised of these teams will vary with the numbers and types of teams used.

b. These teams must be furnished mess, organizational maintenance, supply, administrative, and personnel services by the supported unit or by appropriate teams from TOE 29-500 and TOE 29-600 series.

c. These teams are not adaptable to levels 2 and 3.

d. These teams are not adaptable to a type B organization.

e. Individuals of these teams can engage in effective, coordinated defense of their area or installation.

Strength. See individual teams below for strengths.

Basis of allocation. These teams are allocated as demanded by the ADM requirements of the supported unit. Types of allocations are as indicated in the detailed breakdown of teams below.

Category. I.

Mobility. One hundred-percent mobile; mobility of engineer composite units must be computed.

Detailed Breakdown of Teams Teams MA—MC

Team MA, ADM platoon headquarters, separate

Capabilities. Provides command and administrative control of from two to six ADM teams. Provides supported unit with technical, liaison, advisory, and limited planning services for the employment of ADM. Commands subordinate teams in the employment and firing of ADM; coordinates the supply and resupply of the ADM prescribed load.

Strength. Off 1 EM 4 Aggr 5

Basis of allocation. One per two to six ADM squads (team MC).

Team MB, ADM—liaison

Capabilities. Provides an ADM liaison officer to the HQ of supported U.S. and allied units not otherwise authorized an ADM-qualified officer. Provides technical knowledge and advisory and limited planning services to the unit to which assigned. Performs liaison between HQ to which assigned and supported ADM teams for the employment of ADM.

Strength. Off 1 EM 1 Aggr 2

Basis of allocation. One per HQ assigned ADM missions not otherwise authorized an ADM-qualified officer.

Team MC, ADM squad

Capabilities. Assembles, prepares for firing, detonates on order or, if necessary, recovers, disassembles, or destroys ADM. Must be supported by the unit to which attached for ADM storage, transport, security, site preparation, and team administration.

Strength. EM 5

Basis of allocation. One or more to provide ADM capability to the engineer combat battalion, army; other U.S. Army combat units; task forces; or allied forces; and, as required, to increase the ADM capability of the divisional engineer battalion.

5-590T Engr Concrete-Mixing and Paving Tm

Mission. To provide specialized concrete-mixing and paving equipment and technically qualified personnel to increase the construction capability of engineer construction units engaged in rigid pavement construction projects.

Assignment. Normally to an engineer construction group, with attachment to either an engineer construction battalion (TOE 5-115) or an engineer construction support company (TOE 5-114).

Capabilities. a. At level 1, this team provides

(1) The additional special equipment and technically qualified personnel to permit an engineer construction battalion to produce, place, finish, and cure concrete pavement on a two-shift basis.

(2) A portable central mix plant with a concrete production capacity of from 100 to 125 cubic yards an hour.

(3) Slip-form paving equipment with a capacity to place and finish from 200 to 250 cubic yards an hour of concrete.

(4) Mechanics to perform organizational maintenance on the team's construction and power generation equipment and direct support maintenance on the construction equipment under the supervision of the supported unit.

b. This team is not adaptable to levels 2 and 3.

c. This team is not adaptable to a type B organization.

d. Individuals of this organization can engage in effective, coordinated defense of their area or installation.

e. Limitations:

(1) Additional personnel and equipment must be provided from the supported unit for the following functions:

(a) Production, transportation, and stockpiling of aggregate at the plantsite.

(b) Advance plantsite preparation, including concrete foundations and plant erection. (See TB 5-337-1.)

(c) Transportation, unloading, and de-sacking of cement.

(d) Transportation of concrete from the plant to the paving site.

(e) Preparation of the paving site, final grading, and provision of grade and alignment control for the slip-form paver. (The supported unit will have to supply a rubber-tired tow vehicle with 14,000-pound drawbar pull at 2 miles per hour for the team's subgrade planer.)

(f) Transportation of the slip-form paver and subgrade planer.

(g) One-trip moves of the concrete batching and mixing plant. (The semitrailer-mounted components of the plant are compatible with 5-ton truck tractors but not 10-ton.)

(2) At a concrete production rate that requires 5,000 gallons of mix water per hour, the plant should be within approximately 20 minutes' one-way driving distance of the water source with the transportation and loading equipment organic to the team.

(3) The haul road between the plant and the paving site must permit smooth delivery of the wet concrete within a half hour.

(4) This team must be furnished mess, supply, administration, medical personnel services, and maintenance, other than listed in a(4) above, by the supported unit.

Strength. Off 1 EM 21 Aggr 22

Basis of allocation. As needed to meet construction requirements.

Category. III.

Mobility. Thirty-percent mobile in organic transportation.



CHAPTER 4

FIELD ARTILLERY UNITS

6-37G FA Btry, 155-mm, SP, Armd Cav Sqdn, Armd Cav Regt

Mission. To provide fire support for the armored cavalry squadron, armored cavalry regiment, and to furnish its portion of the target acquisition, communication, and survey systems.

Assignment. Organic to armored cavalry squadron, armored cavalry regiment (TOE 17-55).

Capabilities. a. At level 1, this unit—

- (1) Provides artillery fire support.
- (2) Is capable of rapid emplacement and cross-country mobility.
- (3) Provides its portion of the armored cavalry squadron's target acquisition.
- (4) Provides communications.
- (5) Transports 150 rounds per howitzer of the prescribed basic load of artillery ammunition or 275 rounds per howitzer.

b. This unit is not adaptable to a type B organization.

c. This unit depends on the HHT, armored cavalry squadron, armored cavalry regiment (TOE 17-56), for administrative, logistic, and organizational maintenance support.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

- Strength.* a. Level 1: Off 7 EM 136
Aggr 143
- b. Level 2: Off 7 EM 122
Aggr 129
- c. Level 3: Off 7 EM 108
Aggr 115

Basis of allocation. One per armored cavalry squadron, armored cavalry regiment (TOE 17-55).

Category. I.

Mobility. One hundred-percent mobile in organic transportation; 100-percent air transportable in heavy transport aircraft.

6-115G FA Bn, 105-mm, Towed, Sep Lt Inf Bde

Mission. To provide artillery fires in support of a separate light infantry brigade and to reinforce the fires of other field artillery units.

Assignment. Organic to separate light infantry brigade (TOE 77-100).

Capabilities. a. At level 1, this unit—

- (1) Provides close and continuous artillery fires in support of a brigade.
- (2) Provides general artillery support for a separate light infantry brigade.
- (3) Reinforces the fires of other field artillery units.
- (4) Provides battery- and battalion-level organizational maintenance for organic units.

b. This unit is not adaptable to a type B organization.

c. Additional liaison sections and forward observer sections, if required, will be authorized by an MTOE under the provisions of AR 310-31.

d. This unit depends on the administration company (TOE 12-37) or the administration company, separate light infantry brigade (TOE 12-197), for administrative support.

e. Individuals of this organization, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

- Strength.* a. Level 1: Off 40 WO 3
EM 482 Aggr 525
- b. Level 2: Off 36 WO 3
EM 432 Aggr 471
- c. Level 3: Off 36 WO 3
EM 376 Aggr 415

Basis of allocation. One per separate light infantry brigade (TOE 77-100).

Category. I.

Mobility. One hundred-percent mobile in organic transportation; 100-percent air transportable in medium transport aircraft.

Components. a. One HQ, H&S battery (TOE 6-116G).

b. Three field artillery batteries, 105-mm, towed (TOE 6-117G).

**6-116G HQ, H&S Btry, FA Bn, 105-mm,
Towed, Sep Lt Inf Bde**

Mission. a. To direct and coordinate operations of the battalion and to provide facilities with which the battalion commander controls the battalion.

b. To procure and distribute all classes of supplies to units of the battalion, to maintain appropriate supply records, and to perform motor maintenance functions not otherwise accomplished within the battalion.

Assignment. Organic to field artillery battalion, 105-mm, towed, separate light infantry brigade (TOE 6-115).

Capabilities. a. At level 1, this unit—

(1) Provides staff planning, supervision, coordination, and control of operations of organic units of the battalion.

(2) Provides its portion of the battalion target acquisition, communication, and survey systems.

(3) Provides unit-level medical service to include medical care and intrabattalion evacuation, establishes an aid station, and furnishes aidmen to organic units of the battalion.

(4) Provides liaison sections to support an infantry brigade with up to three maneuver battalions.

(5) Draws and issues all classes of supplies, furnishes battalion-level organizational maintenance, and transports its portion of the basic load of ammunition for the battalion.

(6) Performs battery-level organizational maintenance on organic equipment.

(7) Performs battalion-level organizational maintenance for organic units of the battalion on signal equipment and wheeled vehicles.

b. This unit is not adaptable to a type B organization.

c. Additional maneuver battalion liaison sections, if required, will be authorized by an MTOE under the provisions of AR 310-31.

d. Individuals of this organization, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 19 WO 3
EM 173 Aggr 195

b. Level 2: Off 18 WO 3
EM 153 Aggr 174

c. Level 3: Off 18 WO 3
EM 139 Aggr 160

Basis of allocation. One per field artillery battalion, 105-mm, towed, separate light infantry brigade (TOE 6-115).

Category. I.

Mobility. One hundred-percent mobile in organic transportation; 100-percent air transportable in medium transport aircraft.

**6-117G FA Btry, 105-mm, Towed, FA Bn,
Sep Lt Inf Bde**

Mission. To provide a firing component of the 105-mm battalion, towed, and to furnish its portion of the battalion communication and target acquisition systems.

Assignment. Organic to field artillery battalion, 105-mm, towed, separate light infantry brigade (TOE 6-115).

Capabilities. a. At level 1, this unit can execute its stated mission to include delivering artillery fires and furnishing its portion of the battalion communication and target acquisition systems.

b. This unit is not adaptable to a type B organization.

c. Additional forward observer sections, if required, will be authorized by an MTOE under the provisions of AR 310-31.

d. This unit can perform battery-level organizational maintenance on organic equipment.

e. This unit depends on—

(1) The battalion H&S battery to provide all survey.

(2) The battalion HQ, H&S battery, for battalion-level organizational maintenance on signal equipment and wheeled vehicles.

f. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 7 EM 103
Aggr 110

b. Level 2: Off 6 EM 93
Aggr 99

c. Level 3: Off 6 EM 79
Aggr 85

Basis of allocation. Three per field artillery battalion, 105-mm, towed, separate light infantry brigade.

Category. I.

Mobility. One hundred-percent mobile in organic transportation; 100-percent air transportable in medium transport aircraft.

**6-157G FA Btry, 105-mm, Towed, FA Bn,
Inf Div
FA Btry, 105-mm, Towed, FA Bn,
Sep Inf Bde**

Mission. To provide a firing component of the 105-mm battalion, towed, and to furnish its portion of the battalion communication and target acquisition systems.

Assignment. Organic to field artillery battalion, 105-mm, towed, infantry division (TOE 6-155); or field artillery battalion, 105-mm, towed, separate infantry brigade (TOE 6-185).

Capabilities. *a.* At level 1, this unit provides its portion of the battalion artillery fire support, communication, and target acquisition systems.

b. This unit is not adaptable to a type B organization.

c. This unit depends on the battalion H&S battery to provide all survey.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. *a.* Level 1: Off 7 EM 104
Aggr 111
b. Level 2: Off 6 EM 93
Aggr 99
c. Level 3: Off 6 EM 81
Aggr 87

Basis of allocation. Three per field artillery battalion, 105-mm, towed, infantry division (TOE 6-155); three per field artillery battalion, 105-mm, towed, separate infantry brigade (TOE 6-185).

Category. I.

Mobility. One hundred-percent mobile.

6-185G FA Bn, 105-mm, Towed, Sep Inf Bde

Mission. To provide direct or general artillery support, including its component of the artillery weapon system to include target acquisition, communications, liaison, survey, transportation, and logistics, and to reinforce fires of other artillery units.

Assignment. Organic to separate infantry brigade (TOE 7-100).

Capabilities. *a.* At level 1, this unit—

(1) Provides close and continuous artillery support to include target acquisition, ballistic meteorology, communications, liaison, and survey.

(2) Provides general artillery support for a brigade.

(3) Is capable of rapid displacement and cross-country mobility.

(4) Reinforces the fires of other field artillery battalions.

(5) Provides a field artillery battalion group HQ for a brigade.

(6) Provides survey control for organic batteries and attached units, as directed.

b. This unit is not adaptable to a type B organization.

c. Additional liaison sections and forward observer sections, if required, will be authorized by an MTOE under the provisions of AR 310-31.

d. This unit depends on the brigade administration company (TOE 12-177) for personnel administrative support. A personnel section, composed of the individuals who regularly maintain the battalion's personnel records, will be attached to the battalion when the battalion is detached from the brigade.

e. Individuals of this organization, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. *a.* Level 1: Off 41 WO 4
EM 495 Aggr 540
b. Level 2: Off 35 WO 4
EM 444 Aggr 483
c. Level 3: Off 35 WO 4
EM 387 Aggr 426

Basis of allocation. One per separate infantry brigade (TOE 7-100).

Category. I.

Mobility. One hundred-percent mobile in organic transportation; 100-percent air transportable in medium transport aircraft.

Components. *a.* One HQ, H&S battery (TOE 6-186G).

b. Three field artillery batteries, 105-mm, towed (TOE 6-157G).

**6-186G HQ, H&S Btry, FA Bn, 105-mm,
Towed, Sep Inf Bde**

Mission. *a.* To direct and coordinate operations of the battalion and to provide facilities with which the battalion commander controls the battalion.

b. To procure, break down, and distribute all classes of supplies to units of the battalion; to maintain appropriate supply records; and to perform motor maintenance functions not otherwise accomplished within the battalion.

Assignment. Organic to field artillery battalion, 105-mm, towed, separate infantry brigade (TOE 6-185).

Capabilities. *a.* At level 1, this unit—

(1) Provides staff planning, supervision, coordination, and control of operations of organic units of the battalion and attached units.

(2) Provides a field artillery battalion group HQ for a separate infantry brigade.

(3) Provides survey control and meteorological data for the battalion and other units, as directed.

(4) Provides countermortar radar and surveillance radar target acquisition.

(5) Provides unit-level medical service to include medical care and evacuation for the battalion and attached units, establishes an aid station, and furnishes aidmen to organic units of the battalion.

(6) Provides liaison sections to support an infantry brigade with up to three maneuver battalions.

(7) Draws and issues all classes of supplies, furnishes its portion of the battalion's motor maintenance support, and transports its portion of the battalion basic load (ammunition).

b. This unit is not adaptable to a type B organization.

c. Additional liaison sections, if required, will be authorized by an MTOE under the provisions of AR 310-31.

d. This unit depends on the brigade administration company (TOE 12-177) for personnel administrative support.

e. Individuals of this organization, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 20 WO 4
EM 183 Aggr 207

b. Level 2: Off 17 WO 4
EM 165 Aggr 186

c. Level 3: Off 17 WO 4
EM 144 Aggr 165

Basis of allocation. One per field artillery battalion, 105-mm, towed, separate infantry brigade (TOE 6-185).

Category. I.

Mobility. One hundred-percent mobile in organic transportation; 100-percent air transportable in medium transport aircraft.

**6-215G FA Bn, 105-mm, Towed, Abn Div
FA Bn, 105-mm, Towed, Sep Abn
Bde**

Mission. To provide direct or general artillery support, including its component of the artillery

weapon system to include target acquisition, communications, liaison, survey, ground transportation, and logistics, and to reinforce fires of other field artillery units.

Assignment. Organic to airborne division artillery (TOE 6-200) or separate airborne brigade (TOE 57-100).

Capabilities. a. At level 1, this unit provides

(1) Direct or general artillery support to an airborne brigade, as required.

(2) Target acquisition and artillery survey.

(3) Communications.

(4) Fire control and supervision.

b. This unit is not adaptable to a type B organization.

c. This unit can land by parachute and aircraft.

d. This unit has cross-country mobility.

e. This unit depends on the division administration company (TOE 12-157) for personnel administrative support.

f. Individuals of this organization, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 39 WO 3
EM 433 Aggr 475

b. Level 2: Off 35 WO 3
EM 380 Aggr 418

c. Level 3: Off 35 WO 3
EM 330 Aggr 368

Basis of allocation. Three per airborne division artillery (TOE 6-200); one per separate airborne brigade (TOE 57-100).

Category. I.

Mobility. Seventy-five-percent mobile in organic transportation; 100-percent air transportable in medium transport aircraft.

Components. a. One HQ, H&S battery (TOE 6-216G).

b. Three field artillery batteries, 105-mm, towed (TOE 6-217G).

**6-216G HQ, H&S Btry, FA Bn, 105-mm,
Towed, Abn Div
HQ, H&S Btry, FA Bn, 105-mm,
Towed, Sep Abn Bde**

Mission. a. To direct and coordinate operations of the battalion and to provide facilities with which the battalion commander controls the battalion.

b. To procure, breakdown, and distribute all classes of supplies to units of the battalion; to maintain appropriate supply records; and to perform motor maintenance functions not otherwise accomplished within the battalion.

Assignment. Organic to field artillery battalion, 105-mm, towed, airborne division or separate airborne brigade (TOE 6-215).

Capabilities. a. At level 1, this unit—

(1) Provides staff planning, coordination, and control of operations of organic and attached units of the battalion.

(2) Provides its portion of the battalion target acquisition, communication, and survey systems.

(3) Lands by parachute and aircraft.

(4) Provides unit-level medical care and intrabattalion evacuation for the battalion and attached units.

(5) Draws and issues all classes of supplies.

(6) Furnishes battalion-level organizational motor maintenance.

(7) Transports its portion of the basic load of ammunition for the battalion.

b. This unit is not adaptable to a type B organization.

c. This unit can provide liaison sections to support one airborne brigade with three maneuver battalions.

d. Individuals of this organization, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 18 WO 3

EM 145 Aggr 166

b. Level 2: Off 17 WO 3

EM 128 Aggr 148

c. Level 3: Off 17 WO 3

EM 114 Aggr 134

Basis of allocation. One per field artillery battalion, 105-mm, towed, airborne division or separate airborne brigade (TOE 6-215).

Category. I.

Mobility. Seventy-five-percent mobile in organic transportation; 100-percent air transportable in medium transport aircraft.

**6-217G FA Btry, 105-mm, Towed, FA Bn,
Abn Div
FA Btry, 105-mm, Towed, FA Bn,
Sep Abn Bde**

Mission. To provide a firing component of the 105-mm battalion, towed, and to furnish its por-

tion of the battalion communication and target acquisition systems.

Assignment. Organic to field artillery battalion, 105-mm, towed, airborne division or separate airborne brigade (TOE 6-215).

Capabilities. a. At level 1, this unit furnishes its portion of the battalion artillery fire support, communication, and target acquisition systems.

b. This unit is not adaptable to a type B organization.

c. This unit lands by parachute and aircraft.

d. This unit can provide forward observer sections to support one airborne maneuver battalion.

e. This unit depends on the battalion H&S battery to provide all survey.

f. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 7 EM 96

Aggr 103

b. Level 2: Off 6 EM 84

Aggr 90

c. Level 3: Off 6 EM 72

Aggr 78

Basis of allocation. Three per field artillery battalion, 105-mm, towed, airborne division or separate airborne brigade (TOE 6-215).

Category. I.

Mobility. Seventy-five-percent mobile in organic transportation; 100-percent air transportable in medium transport aircraft.

**6-347G FA Btry, 105-mm, SP, FA Bn,
Armd Div
FA Btry, 105-mm, SP, FA Bn,
Inf Div (Mech)
FA Btry, 105-mm, SP, FA Bn,
Sep Armd Bde
FA Btry, 105-mm, SP, FA Bn,
Sep Inf Bde (Mech)**

Mission. To provide a firing component of the 105-mm battalion, self-propelled, and to furnish its portion of the battalion communication and target acquisition systems.

Assignment. Organic to field artillery battalion, 105-mm, self-propelled, armored division or infantry division (mechanized) (TOE 6-345); or field artillery battalion, 105-mm, self-propelled, separate armored brigade or separate infantry brigade (mechanized) (TOE 6-385).

Capabilities. a. At level 1, this unit provides its portion of the battalion artillery fire support, communication, and target acquisition systems.

b. This unit is not adaptable to a type B organization.

c. This unit depends on the battalion H&S battery to provide all survey.

d. Additional forward observer sections, if required, will be authorized by an MTOE under the provisions of AR 310-31.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 6 EM 88
Aggr 94
b. Level 2: Off 6 EM 79
Aggr 85
c. Level 3: Off 6 EM 66
Aggr 72

Basis of allocation. Three per field artillery battalion, 105-mm, self-propelled, armored division or infantry division (mechanized) (TOE 6-345); three per field artillery battalion, 105-mm, self-propelled, separate armored brigade or separate infantry brigade (mechanized) (TOE 6-385).

Category. I.

Mobility. One hundred-percent mobile.

6-367G FA Btry, 155-mm, SP, FA Bn, Armd Div
FA Btry, 155-mm, SP, FA Bn, Inf Div (Mech)
FA Btry, 155-mm, SP, FA Bn, Sep Armd Bde
FA Btry, 155-mm, SP, FA Bn, Sep Inf Bde (Mech)

Mission. To provide a firing component of the 155-mm battalion, self-propelled, and to furnish its portion of the battalion communication and target acquisition systems.

Assignment. Organic to field artillery battalion, 155-mm, self-propelled, armored division or infantry division (mechanized) (TOE 6-365); or to field artillery battalion, 155-mm, self-propelled, separate armored brigade or separate infantry brigade (mechanized) (TOE 6-375).

Capabilities. a. At level 1, this unit provides its portion of the battalion artillery fire support, communication, and target acquisition systems and establishes and maintains an exclusion area for the safeguarding of nuclear materials, as required.

b. This unit is not adaptable to a type B organization.

c. This unit depends on the battalion HQ battery to provide all survey.

d. Additional forward observer sections, if required, will be authorized by an MTOE under the provisions of AR 310-31.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 6 EM 121
Aggr 127
b. Level 2: Off 6 EM 113
Aggr 119
c. Level 3: Off 6 EM 101
Aggr 107

Basis of allocation. Three per field artillery battalion, 155-mm, self-propelled, armored division or infantry division (mechanized) (TOE 5-365); three per field artillery battalion, 155-mm, self-propelled, separate armored brigade or separate infantry brigade (mechanized) (TOE 6-375).

Category. I.

Mobility. One hundred-percent mobile in organic transportation.

6-369G Svc Btry, FA Bn, 155-mm, SP, Armd Div
Svc Btry, FA Bn, 155-mm, SP, Inf Div (Mech)
Svc Btry, FA Bn, 155-mm, SP, Sep Armd Bde
Svc Btry, FA Bn, 155-mm, SP, Sep Inf Bde (Mech)

Mission. To procure, breakdown, and distribute all classes of supplies to units of the battalion; to maintain appropriate supply records; and to perform motor maintenance functions not otherwise accomplished within the battalion.

Assignment. Organic to field artillery battalion, 155-mm, self-propelled, armored division or infantry division (mechanized) (TOE 6-365); or to field artillery battalion, 155-mm, self-propelled, separate armored brigade or separate infantry brigade (mechanized) (TOE 6-375).

Capabilities. a. At level 1, this unit provides procurement, breakdown, and issue of all classes of supplies; furnishes battalion-level motor maintenance support; and transports its portion of the battalion's basic load of ammunition.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 2 WO 2
EM 94 Aggr 98
b. Level 2: Off 2 WO 2
EM 70 Aggr 74
c. Level 3: Off 2 WO 2
EM 56 Aggr 60

Basis of allocation. One per field artillery battalion, 155-mm, self-propelled, armored division or infantry division (mechanized) (TOE 6-365); one per field artillery battalion, 155-mm, self-propelled, separate armored brigade or separate infantry brigade (mechanized) (TOE 6-375).

Category. I.

Mobility. One hundred-percent mobile in organic transportation.

**6-375G FA Bn, 155-mm, SP, Sep
Armd Bde
FA Bn, 155-mm, SP, Sep
Inf Bde (Mech)**

Mission. To provide direct or general artillery support, including its component of the artillery weapon system to include target acquisition, communications, liaison, survey, transportation, and logistics, and to reinforce fires of other artillery units.

Assignment. Organic to separate armored brigade (TOE 17-100) or separate infantry brigade (mechanized) (TOE 37-100).

Capabilities. a. At level 1, this unit—

(1) Provides close and continuous artillery support to include target acquisition, ballistic meteorology, communications, liaison, and survey.

(2) Provides general artillery support for a brigade.

(3) Is capable of rapid displacement and cross-country mobility.

(4) Reinforces the fires of other field artillery battalions.

(5) Provides a field artillery battalion group HQ for a brigade.

(6) Provides survey control of organic batteries and attached units, as directed.

b. This unit is not adaptable to a type B organization.

c. Additional liaison sections and forward observer sections, if required, will be authorized by an MTOE under the provisions of AR 310-31.

d. This unit depends on the brigade administration company (TOE 12-177) for personnel ad-

ministrative support. A personnel section, composed of the individuals who regularly maintain the battalion's personnel records, will be attached to the battalion when the battalion is detached from the brigade.

e. Artillery battalions equipped with the 105-mm howitzer in lieu of the 155-mm howitzer will organize under field artillery battalion, 105-mm, self-propelled (TOE 6-385).

f. Individuals of this organization, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 37 WO 4
EM 617 Aggr 658
b. Level 2: Off 37 WO 4
EM 554 Aggr 595
c. Level 3: Off 37 WO 4
EM 484 Aggr 525

Basis of allocation. One per separate armored brigade (TOE 17-100); one per separate infantry brigade (mechanized) (TOE 37-100).

Category. I.

Mobility. One hundred-percent mobile in organic transportation; 100-percent air transportable in heavy transport aircraft.

Components. a. One HHB (TOE 6-376G).

b. Three field artillery batteries, 155-mm, self-propelled (TOE 6-367G).

c. One service battery (TOE 6-369G).

**6-376G HHB, FA Bn, 155-mm, SP, Sep
Armd Bde
HHB, FA Bn, 155-mm, SP, Sep
Inf Bde (Mech)**

Mission. To direct and coordinate operations of the battalion and to provide facilities with which the battalion commander controls the battalion.

Assignment. Organic to field artillery battalion, 155-mm, self-propelled, separate armored brigade or separate infantry brigade (mechanized) (TOE 6-375).

Capabilities. a. At level 1, this unit provides

(1) Staff planning, supervision, coordination, and control of operations of organic units of the battalion and attached units.

(2) A field artillery battalion group HQ for a separate armored brigade or separate infantry brigade (mechanized).

(3) Survey control and meteorological data for the battalion and other units, as directed.

(4) Countermortar radar and surveillance radar target acquisition.

(5) Unit-level medical service to include medical care and evacuation for the battalion and attached units, establishes an aid station, and furnishes aidmen to organic units of the battalion.

(6) Liaison sections to support a separate armored brigade or separate infantry brigade (mechanized) with up to three maneuver battalions.

b. This unit is not adaptable to type B organization.

c. Additional maneuver battalion liaison sections, if required, will be authorized by an MTOE under the provisions of AR 310-31.

d. Individuals of this organization, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 17 WO 2
EM 160 Aggr 179
b. Level 2: Off 17 WO 2
EM 145 Aggr 164
c. Level 3: Off 17 WO 2
EM 125 Aggr 144

Basis of allocation. One per field artillery battalion, 155-mm, self-propelled, separate armored brigade or separate infantry brigade (mechanized) (TOE 6-375).

Category. I.

Mobility. One hundred-percent mobile in organic transportation.

6-385G FA Bn, 105-mm, SP, Sep Armd Bde FA Bn, 105-mm, SP, Sep Armd Bde (Mech)

Mission. To provide direct or general artillery support, including its component of the artillery weapon system to include target acquisition, communications, liaison, survey, transportation, and logistics, and to reinforce fires of other artillery units.

Assignment. Organic to separate armored brigade (TOE 17-100) or separate infantry brigade (mechanized) (TOE 37-100).

Capabilities. a. At level 1, this unit—

(1) Provides close and continuous artillery support to include target acquisition, ballistic meteorology, communications, liaison, and survey.

(2) Provides general artillery support for a brigade.

(3) Is capable of rapid displacement and cross-country mobility.

(4) Reinforces the fires of other field artillery battalions.

(5) Provides a field artillery battalion group HQ for a brigade.

(6) Provides survey control for organic batteries and attached units, as directed.

b. This unit is not adaptable to a type B organization.

c. Additional liaison sections and forward observer sections, if required, will be authorized by an MTOE under the provisions of AR 310-31.

d. This unit depends on the brigade administration company (TOE 12-177) for personnel administrative support. A personnel section, composed of the individuals who regularly maintain the battalion's personnel records, will be attached to the battalion when the battalion is detached from the brigade.

e. Individuals of this organization, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 38 WO 4
EM 457 Aggr 499
b. Level 2: Off 35 WO 4
EM 412 Aggr 451
c. Level 3: Off 35 WO 4
EM 353 Aggr 392

Basis of allocation. One per separate armored brigade (TOE 17-100); one per separate infantry brigade (mechanized) (TOE 37-100).

Category. I.

Mobility. One hundred-percent mobile in organic transportation; 100-percent air transportable in heavy transport aircraft.

Components. a. One HQ, H&S battery (TOE 6-386G).

b. Three field artillery batteries, 105-mm, self-propelled (TOE 6-347G).

6-386G HQ, H&S Btry, FA Bn, 105-mm, SP, Sep Armd Bde HQ, H&S Btry, FA Bn, 105-mm, SP, Sep Inf Bde (Mech)

Mission. a. To direct and coordinate operations of the battalion and to provide facilities with which the battalion commander controls the battalion.

b. To procure, breakdown, and distribute all classes of supplies to units of the battalion; to maintain appropriate supply records; and to perform motor maintenance functions not otherwise accomplished within the battalion.

Assignment. Organic to field artillery battalion, 105-mm, self-propelled, separate armored brigade or separate infantry brigade (mechanized) (TOE 6-385).

Capabilities. a. At level 1, this unit—

(1) Provides staff planning, supervision, coordination, and control of operations of organic units of the battalion and attached units.

(2) Provides a field artillery battalion group HQ for a separate armored brigade or separate infantry brigade (mechanized).

(3) Provides survey control and meteorological data for the battalion and other units, as directed.

(4) Provides countermortar radar and surveillance radar target acquisition.

(5) Provides unit-level medical service to include medical care and evacuation for the battalion and attached units, establishes an aid station, and furnishes aidmen to organic units of the battalion.

(6) Provides liaison sections to support a separate armored brigade or separate infantry brigade (mechanized) with up to three maneuver battalions.

(7) Draws and issues all classes of supplies, furnishes its portion of the battalion's motor maintenance support, and transports its portion of the battalion's basic load (ammunition).

b. This unit is not adaptable to a type B organization.

c. Additional maneuver battalion liaison sections, if required, will be authorized by an MTOE under the provisions of AR 310-31.

d. This unit depends on the brigade administration company (TOE 12-177) for personnel administrative support.

e. Individuals of this organization, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 20 WO 4
EM 193 Aggr 217

b. Level 2: Off 17 WO 4
EM 175 Aggr 196

c. Level 3: Off 17 WO 4
EM 155 Aggr 176

Basis of allocation. One per field artillery battalion, 105-mm, self-propelled, separate armored brigade or separate infantry brigade (mechanized) (TOE 6-385).

Category. I.

Mobility. One hundred-percent mobile in organic transportation; 100-percent air transportable in heavy transport aircraft.

6-401G HHB, FA Gp

Mission. To provide tactical control and administrative supervision of attached field artillery battalions.

Assignment. To field army; normally attached to corps or other major unit.

Capabilities. a. At level 1, this unit provides —

(1) Command, control, staff planning, supervision of operations, and administration of attached units.

(2) Unit-level medical service, including medical care and evacuation to the group artillery HHB.

(3) Aviation support to the group artillery HHB and attached units.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except chaplains and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 25 WO 4
EM 106 Aggr 135

b. Level 2: Off 23 WO 3
EM 96 Aggr 122

c. Level 3: Off 21 WO 3
EM 83 Aggr 107

Basis of allocation. One per three to six attached field artillery battalions.

Category. I.

Mobility. One hundred-percent mobile in organic transportation.

6-405G FA Bn, 105-mm, Towed

Mission. To provide artillery fire support to units of a division, corps, or field army.

Assignment. To field army or separate corps; normally attached to corps for further attachment to a field artillery group, division, or other major unit.

Capabilities. a. At level 1, this unit—

(1) Provides continuous artillery fire support.

(2) Provides its component of the communication, survey, air defense, and target acquisition systems.

(3) Provides medical service for units of the

battalion to include medical care and intrabattalion evacuation.

(4) Procures and distributes all classes of supplies to units of the battalion; maintains appropriate supply, personnel, and materiel records; performs organizational maintenance; and transports its prescribed basic load of ammunition.

b. This unit is not adaptable to a type B organization.

c. This unit lands by aircraft.

d. Additional liaison and forward observer sections, if required, will be authorized by an MTOE under the provisions of AR 310-31.

e. Individuals of this organization, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 29 WO 3
EM 485 Aggr 517
b. Level 2: Off 29 WO 3
EM 433 Aggr 465
c. Level 3: Off 29 WO 3
EM 377 Aggr 409

Basis of allocation. As required by any higher HQ.

Category. I.

Mobility. One hundred-percent mobile in organic transportation.

Components. a. One HHB (TOE 6-406G).

b. Three field artillery batteries, 105-mm, towed (TOE 6-407G).

c. One service battery (TOE 6-409G).

6-406G HHB, FA Bn, 105-mm, Towed

Mission. To direct and coordinate operations of the battalion and to provide facilities with which the battalion commander controls the battalion.

Assignment. Organic to field artillery battalion, 105-mm, towed (TOE 6-405).

Capabilities. a. At level 1, this unit—

(1) Provides staff planning, supervision, coordination, and control of operations of organic units of the battalion.

(2) Provides survey control for the battalion.

(3) Provides unit-level medical service to include medical care and intrabattalion evacuation, establishes an aid station, furnishes aidmen to organic units of the battalion, and supervises field sanitation within the battalion.

(4) Provides air defense against low-altitude hostile aircraft.

(5) Provides its portion of the battalion communication system.

(6) Is capable of cross-country mobility.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except chaplain and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 15 EM 122
Aggr 137
b. Level 2: Off 15 EM 107
Aggr 122
c. Level 3: Off 15 EM 105
Aggr 120

Basis of allocation. One per field artillery battalion, 105-mm, towed (TOE 6-405).

Category. I.

Mobility. One hundred-percent mobile in organic transportation.

6-407G FA Btry, 105-mm, Towed

Mission. To provide a firing component of the 105-mm battalion, towed, and to furnish its portion of the battalion observation and communication systems.

Assignment. Organic to field artillery battalion, 105-mm, towed (TOE 6-405).

Capabilities. a. At level 1, this unit—

(1) Delivers 105-mm fires of all types at time and place required.

(2) Is capable of cross-country mobility and rapid emplacement.

(3) Furnishes its portion of the battalion communication and observation systems.

b. This unit is not adaptable to a type B organization.

c. This unit depends on the battalion HQ battery for survey support and air defense against low-altitude hostile aircraft.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 4 EM 97
Aggr 101
b. Level 2: Off 4 EM 86
Aggr 90
c. Level 3: Off 4 EM 72
Aggr 76

Basis of allocation. Three per field artillery battalion, 105-mm, towed (TOE 6-405).

Category. I.

Mobility. One hundred-percent mobile in organic transportation.

6-409G Svc Btry, FA Bn, 105-mm, Towed

Mission. To procure and distribute all classes of supplies to units of the battalion, to maintain appropriate supply records, to provide personnel administration and management for the battalion, and to perform organizational maintenance functions not otherwise accomplished within the battalion.

Assignment. Organic to field artillery battalion, 105-mm, towed (TOE 6-405).

Capabilities. a. At level 1, this unit—

(1) Procures and distributes all classes of supplies to units of the battalion.

(2) Maintains appropriate supply and personnel records.

(3) Provides battalion-level organizational maintenance support.

(4) Transports its portion of the battalion's basic load of ammunition.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 2 WO 3
EM 72 Aggr 77
b. Level 2: Off 2 WO 3
EM 68 Aggr 73
c. Level 3: Off 2 WO 3
EM 56 Aggr 61

Basis of allocation. One per field artillery battalion, 105-mm, towed (TOE 6-405).

Category. I.

Mobility. One hundred-percent mobile in organic transportation.

6-415G FA Bn, 8-in, Towed

Mission. To provide artillery fires in general support of a division, corps, or field army and to reinforce the fires of other field artillery units.

Assignment. To field army or separate corps; normally attached to corps for further attachment to a field artillery group.

Capabilities. a. At level 1, this unit—

(1) Provides continuous artillery fire support.

(2) Provides its component of the communication, survey, air defense, and target acquisition systems.

(3) Provides medical service for units of the battalion to include medical care and intrabattalion evacuation.

(4) Procures and distributes all classes of supplies to units of the battalion; maintains appropriate supply, personnel, and material records; performs organizational maintenance; and transports its prescribed basic load of ammunition.

b. This unit is not adaptable to a type B organization.

c. Under levels 1 and 2, this unit can transport 100 rounds of artillery ammunition per weapon. Under level 3, it can transport 85 rounds per weapon.

d. Individuals of this organization, except chaplains and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 27 WO 3
EM 596 Aggr 626
b. Level 2: Off 26 WO 3
EM 536 Aggr 565
c. Level 3: Off 26 WO 3
EM 469 Aggr 498

Basis of allocation. Normally two per corps.

Category. 1.

Mobility. For tactical movements, 100-percent mobile in organic transportation.

Components. a. One HHB (TOE 6-416G).

b. Three field artillery batteries, 8-inch, towed (TOE 6-417G).

c. One service battery (TOE 6-419G).

6-416G HHB, FA Bn, 8-in, Towed or SP

Mission. To direct and coordinate operations of the battalion and to provide facilities with which the battalion commander controls the battalion.

Assignment. Organic to field artillery battalion, 8-inch, towed (TOE 6-415); or field artillery battalion, 8-inch, self-propelled (TOE 6-445).

Capabilities. a. At level 1, this unit provides —

(1) Staff planning, supervision, coordination, and control of operations of organic units of the battalion.

(2) Survey control for the battalion.

(3) Unit-level medical service to include medical care and intrabattalion, evacuation, establishes an aid station, furnishes aidmen to organic units of the battalion, and supervises field sanitation within the battalion.

(4) Air defense against low-altitude hostile aircraft.

(5) Its portion of the battalion communication system.

(6) Organizational maintenance for weapons and automotive, communication, and computer gun direction (FADAC) equipment.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except chaplain and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

- Strength.* a. Level 1: Off 15 EM 132
Aggr 147
b. Level 2: Off 15 EM 119
Aggr 134
c. Level 3: Off 15 EM 104
Aggr 119

Basis of allocation. One per field artillery battalion, 8-inch, towed (TOE 6-415); one per field artillery battalion, 8-inch, self-propelled (TOE 6-445).

Category. I.

Mobility. One hundred-percent mobile in organic transportation.

6-417G FA Btry, 8-in, Towed

Mission. To provide a firing component of the 8-inch battalion, towed.

Assignment. Organic to field artillery battalion, 8-inch, towed (TOE 6-415).

Capabilities. a. At level 1, this unit—

(1) Delivers 8-inch artillery fires at time and place required.

(2) Furnishes its portion of the battalion communication system.

(3) Establishes and maintains an exclusion area for nuclear materials.

(4) Performs organizational maintenance on organic equipment, except for field radio equipment, and battalion-level maintenance on automotive and computer gun direction (FADAC) equipment.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

- Strength.* a. Level 1: Off 3 EM 131
Aggr 134
b. Level 2: Off 3 EM 116
Aggr 119
c. Level 3: Off 3 EM 103
Aggr 106

Basis of allocation. Three per field artillery battalion, 8-inch, towed (TOE 6-415).

Category. I.

Mobility. For tactical movements, 100-percent mobile in organic transportation.

6-419G Svc Btry, FA Bn, 8-in, Towed

Mission. To procure and distribute all classes of supplies to units of the battalion, to maintain appropriate supply records, to provide personnel administration and management for the battalion, and to perform organizational maintenance functions not otherwise accomplished within the battalion.

Assignment. Organic to field artillery battalion, 8-inch, towed (TOE 6-415).

Capabilities. a. At level 1, this unit—

(1) Procures and distributes all classes of supplies to units of the battalion.

(2) Maintains appropriate supply and personnel records.

(3) Provides battalion-level organizational maintenance support for automotive equipment.

(4) Transports its portion of the battalion's basic load of ammunition.

(5) Performs organizational maintenance on organic equipment, except for field radio equipment.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

- Strength.* a. Level 1: Off 3 WO 3
EM 71 Aggr 77
b. Level 2: Off 2 WO 3
EM 69 Aggr 74
c. Level 3: Off 2 WO 3
EM 56 Aggr 61

Basis of allocation. One per field artillery battalion, 8-inch, towed (TOE 6-415).

Category. I.

Mobility. For tactical movements, 100-percent mobile in organic transportation.

6-425G FA Bn, 155-mm, Towed

Mission. To provide general artillery support and/or reinforcing fires to units of a division, corps, or field army.

Assignment. To field army or separate corps; normally attached to corps for further attachment to a field artillery group.

Capabilities. a. At level 1, this unit—

(1) Provides continuous artillery support

and target acquisition, communications, liaison, and survey required by the battalion mission.

(2) Provides unit-level medical service to include medical care and evacuation for the units of the battalion.

(3) Draws and issues all classes of supplies, performs organizational motor maintenance, furnishes personnel administration, and transports its prescribed basic load of ammunition.

(4) Is capable of cross-country mobility and landing by aircraft.

b. This unit is not adaptable to a type B organization.

c. Security sections, when required to establish and maintain exclusion areas, will be authorized by an MTOE under the provisions of AR 310-31.

d. Individuals of this organization, except chaplain and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1; Off 25 WO 3
EM 535 Aggr 563
b. Level 2: Off 25 WO 3
EM 479 Aggr 507
c. Level 3: Off 25 WO 3
EM 418 Aggr 446

Basis of allocation. As required by any higher HQ.

Category. I.

Mobility. One hundred-percent mobile in organic transportation.

Components. a. One HHB (TOE 6-426G).

b. Three field artillery batteries, 155-mm, towed (TOE 6-427G).

c. One service battery (TOE 6-429G).

6-426G HHB, FA Bn, 155-mm, Towed

Mission. To direct and coordinate operations of the battalion and to provide facilities with which the battalion commander controls the battalion.

Assignment. Organic to field artillery battalion, 155-mm, towed (TOE 6-425).

Capabilities. a. At level 1, this unit provides

(1) Staff planning and supervision of operations of organic units of the battalion.

(2) Unit-level medical service to include medical care and evacuation for the battalion and attached units, establishes an aid station, and furnishes aidmen to units organic to the battalion.

(3) Survey for the battalion.

(4) Its portion of the battalion communication system.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except chaplain and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 14 EM 114
Aggr 128
b. Level 2: Off 14 EM 107
Aggr 121
c. Level 3: Off 14 EM 107
Aggr 121

Basis of allocation. One per field artillery battalion, 155-mm, towed (TOE 6-425).

Category. I.

Mobility. One hundred-percent mobile in organic transportation.

6-427G FA Btry, 155-mm, Towed

Mission. To provide a firing component of the 155-mm battalion, towed, and to furnish its portion of the battalion communication and target acquisition systems.

Assignment. Organic to field artillery battalion, 155-mm, towed (TOE 6-425).

Capabilities. a. At level 1, this unit—

(1) Delivers 155-mm fires of all types at time and place required.

(2) Furnishes its portion of the battalion communication and target acquisition systems.

(3) Is capable of cross-country mobility and rapid emplacement.

b. This unit is not adaptable to a type B organization.

c. This unit depends on the battalion HQ battery to provide all survey.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 3 EM 112
Aggr 115
b. Level 2: Off 3 EM 99
Aggr 102
c. Level 3: Off 3 EM 81
Aggr 84

Basis of allocation. Three per field artillery battalion, 155-mm, towed (TOE 6-425).

Category. I.

Mobility. One hundred-percent mobile in organic transportation.

6-429G Svc Btry, FA Bn, 155-mm, Towed

Mission. To procure, break down, and distribute all classes of supplies to units of the battalion; to maintain appropriate supply, administrative, and personnel records; and to perform motor maintenance functions not otherwise accomplished within the battalion.

Assignment. Organic to field artillery battalion, 155-mm, towed (TOE 6-425).

Capabilities. a. At level 1, this unit—

- (1) Draws and issues all classes of supplies.
- (2) Furnishes battalion-level organizational motor maintenance support and personnel administration for the battalion.

(3) Transports its portion of the basic load of ammunition for the battalion.

b. This unit is not adaptable to a type B organization.

c. Individuals of this unit can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 2 WO 3
EM 85 Aggr 90
b. Level 2: Off 2 WO 3
EM 75 Aggr 80
c. Level 3: Off 2 WO 3
EM 68 Aggr 73

Basis of allocation. One per field artillery battalion, 155-mm, towed (TOE 6-425).

Category. I.

Mobility. One hundred-percent mobile in organic transportation.

6-435G FA Bn, 175-mm, SP

Mission. To provide general artillery support and/or reinforcing fires to units of a division, corps, or field army.

Assignment. To field army or separate corps; normally attached to corps for further attachment to a field artillery group.

Capabilities. a. At level 1, this unit—

- (1) Provides continuous artillery support to include communications, liaison, and survey.
- (2) Provides general artillery support for units of a division, corps, or field army.
- (3) Reinforces the fires of other field artillery battalions.
- (4) Is capable of cross-country mobility and rapid emplacement.

b. This unit is not adaptable to a type B organization.

c. Under levels 1 and 2, this unit can transport a basic load of 114 rounds of artillery ammunition per weapon. Under level 3, this unit can transport a basic load of 82 rounds of artillery ammunition per weapon.

d. Individuals of this organization, except chaplain and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 26 WO 3
EM 521 Aggr 550
b. Level 2: Off 26 WO 3
EM 468 Aggr 497
c. Level 3: Off 26 WO 3
EM 417 Aggr 446

Basis of allocation. As required by any higher HQ; normally six per corps.

Category. I.

Mobility. One hundred-percent mobile in organic transportation.

Components. a. One HHB (TOE 6-436G).
b. Three field artillery batteries, 175-mm, self-propelled (TOE 6-437G).
c. One service battery (TOE 6-439G).

6-436G HHB, FA Bn, 175-mm, SP

Mission. To direct and coordinate operations of the battalion and to provide facilities with which the battalion commander controls the battalion.

Assignment. Organic to field artillery battalion, 175-mm, self-propelled (TOE 6-435).

Capabilities. a. At level 1, this unit provides

(1) Staff planning, supervision, coordination, and control of operations of organic units of the battalion.

(2) Survey control for the battalion.

(3) Unit-level medical service to include medical care and intrabattalion evacuation, establishes an aid station, furnishes aidmen to organic units of the battalion, and supervises field sanitation.

(4) Air defense against low-altitude hostile aircraft.

(5) Its portion of the battalion communication system.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except chaplain and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 15 EM 126
Aggr 141
b. Level 2: Off 15 EM 112
Aggr 127
c. Level 3: Off 15 EM 99
Aggr 114

Basis of allocation. One per field artillery battalion, 175-mm, self-propelled (TOE 6-435).

Category. I.

Mobility. One hundred-percent mobile in organic transportation.

6-437G FA Btry, 175-mm, SP

Mission. To provide a firing component of the 175-mm battalion, self-propelled, and to furnish its portion of the battalion communication system.

Assignment. Organic to field artillery battalion, 175-mm, self-propelled (TOE 6-435).

Capabilities. a. At level 1, this unit—

(1) Delivers 175-mm fires at time and place required.

(2) Is capable of cross-country mobility and rapid emplacement.

(3) Furnishes its portion of the battalion communication system.

b. This unit is not adaptable to a type B organization.

c. This unit depends on the battalion HQ battery for survey support and air defense against low-altitude hostile aircraft.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 3 EM 104
Aggr 107
b. Level 2: Off 3 EM 92
Aggr 95
c. Level 3: Off 3 EM 85
Aggr 88

Basis of allocation. Three per field artillery battalion, 175-mm, self-propelled (TOE 6-435).

Category. I.

Mobility. One hundred-percent mobile in organic transportation.

6-439G Svc Btry, FA Bn, 175-mm, SP

Mission. To procure and distribute all classes of supplies to units of the battalion, to maintain appropriate supply records, to provide personnel administration and management for the battalion, and to perform organizational vehicle maintenance functions not otherwise accomplished within the battalion.

Assignment. Organic to field artillery battalion, 175-mm, self-propelled (TOE 6-435).

Capabilities. a. At level 1, this unit—

(1) Procures and distributes all classes of supplies to units of the battalion.

(2) Maintains appropriate supply and personnel records.

(3) Provides battalion-level organizational maintenance support.

(4) Transports its portion of the battalion's basic load of ammunition.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 2 WO 3
EM 83 Aggr 88
b. Level 2: Off 2 WO 3
EM 80 Aggr 85
c. Level 3: Off 2 WO 3
EM 63 Aggr 68

Basis of allocation. One per field artillery battalion, 175-mm, self-propelled (TOE 6-435).

Category. I.

Mobility. One hundred-percent mobile in organic transportation.

6-445G FA Bn, 8-in, SP

Mission. To provide artillery fire support to units of a division, corps, or field army.

Assignment. To field army or separate corps; normally attached to corps for further attachment to a field artillery group.

Capabilities. a. At level 1, this unit—

(1) Provides continuous artillery fire support.

(2) Provides its component of the communication, survey, air defense, and target acquisition systems.

(3) Provides medical service for units of the battalion to include medical care and intrabattalion evacuation.

(4) Procures and distributes all classes of supplies to units of the battalion; maintains appropriate supply, personnel, and materiel records; performs organizational maintenance; and transports its prescribed basic load of ammunition.

b. This unit is not adaptable to a type B organization.

c. Under levels 1 and 2, this unit can transport 100 rounds of artillery ammunition per weapon. Under level 3, this unit can transport 85 rounds per weapon.

d. Individuals of this organization, except chaplain and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 27 WO 3
EM 588 Aggr 618
b. Level 2: Off 26 WO 3
EM 527 Aggr 556
c. Level 3: Off 26 WO 3
EM 467 Aggr 496

Basis of allocation. Normally four per corps.

Category. I.

Mobility. One hundred-percent mobile in organic transportation.

Components. a. One HHB (TOE 6-416G).

b. Three field artillery batteries, 8-inch, self-propelled (TOE 6-447G).

c. One service battery (TOE 6-449G).

6-447G FA Btry, 8-in, SP

Mission. To provide a firing component of the 8-inch battalion, self-propelled, and to furnish its portion of the battalion communication system.

Assignment. Organic to field artillery battalion, 8-inch, self-propelled (TOE 6-445).

Capabilities. a. At level 1, this unit—

(1) Delivers 8-inch fires at time and place required.

(2) Is capable of cross-country mobility and rapid emplacement.

(3) Furnishes its portion of the battalion communication system.

b. This unit is not adaptable to a type B organization.

c. This unit depends on the battalion HQ battery for survey support and air defense against low-altitude hostile aircraft.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 3 EM 129
Aggr 132
b. Level 2: Off 3 EM 116
Aggr 119
c. Level 3: Off 3 EM 102
Aggr 105

Basis of allocation. Three per field artillery battalion, 8-inch, self-propelled (TOE 6-445).

Category. I.

Mobility. One hundred-percent mobile in organic transportation.

6-449G Svc Btry, FA Bn, 8-in, SP

Mission. To procure and distribute all classes of supplies to units of the battalion, to maintain appropriate supply records, to provide personnel administration and management for the battalion, and to perform organizational maintenance functions not otherwise accomplished within the battalion.

Assignment. Organic to field artillery battalion, 8-inch, self-propelled (TOE 6-445).

Capabilities. a. At level 1, this unit—

(1) Procures and distributes all classes of supplies to units of the battalion.

(2) Maintains appropriate supply and personnel records.

(3) Provides battalion-level organizational maintenance support for automotive equipment.

(4) Transports its portion of the battalion's basic load of ammunition.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 3 WO 3
EM 69 Aggr 75
b. Level 2: Off 2 WO 3
EM 60 Aggr 65
c. Level 3: Off 2 WO 3
EM 57 Aggr 62

Basis of allocation. One per field artillery battalion, 8-inch, self-propelled (TOE 6-445).

Category. I.

Mobility. One hundred-percent mobile in organic transportation.

6-455G FA Bn, 155-mm, SP

Mission. To provide artillery fire support to units of a division, corps, or field army.

Assignment. To field army or separate corps; normally attached to corps for further attachment to a field artillery group.

Capabilities. a. At level 1, this unit—

(1) Provides its component of the communication, survey, air defense, and target acquisition systems.

(2) Provides medical service for units of the battalion to include intrabattalion evacuation.

(3) Procures and distributes all classes of supplies to units of the battalion; maintains appropriate supply, personnel, and materiel records; performs organizational maintenance; and transports the prescribed basic load of ammunition.

b. This unit is not adaptable to a type B organization.

c. Additional liaison sections, when required, will be authorized by an MTOE in accordance with AR 310-31.

d. Forward observer sections, when required, will be authorized by an MTOE in accordance with AR 310-31. Forward observer sections will be structured, using the forward observer sections from TOE 6-366 and TOE 6-367 as a guide.

e. This unit depends on a finance service organization (TOE 14-500) for finance services.

f. Individuals of this organization, except chaplains and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 26 WO 3
EM 477 Aggr 506
b. Level 2: Off 26 WO 3
EM 428 Aggr 457
c. Level 3: Off 26 WO 3
EM 374 Aggr 403

Basis of allocation. As required by any higher HQ.

Category. I.

Mobility. One hundred-percent mobile in organic transportation.

Components. a. One HHB (TOE 6-456G).

b. Three field artillery batteries, 155-mm, self-propelled (TOE 6-457G).

c. One service battery (TOE 6-459G).

6-456G HHB, FA Bn, 155-mm, SP

Mission. To direct and coordinate operations of the battalion and to provide facilities with which the battalion commander controls the battalion.

Assignment. Organic to field artillery battalion, 155-mm, self-propelled (TOE 6-455).

Capabilities. a. At level 1, this unit provides —

(1) Staff planning, supervision, coordination, and control of operations of organic units of the battalion.

(2) Survey control for the battalion.

(3) Unit-level medical service to include medical care and intrabattalion evacuation, estab-

lishes and maintains an aid station, furnishes aidmen to organic units of the battalion, and supervises field sanitation within the battalion.

(4) Air defense against low-altitude hostile aircraft.

(5) Its component of the battalion communication system.

(6) Organizational maintenance for communication and gun direction computer equipment.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except chaplains and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 15 EM 120
Aggr 135
b. Level 2: Off 15 EM 105
Aggr 120
c. Level 3: Off 15 EM 101
Aggr 116

Basis of allocation. One per field artillery battalion, 155-mm, self-propelled (TOE 6-455).

Category. I.

Mobility. One hundred-percent mobile in organic transportation.

6-457G FA Btry, 155-mm, SP

Mission. To provide a firing component of the field artillery battalion, 155-mm, self-propelled.

Assignment. Organic to field artillery battalion, 155-mm, self-propelled (TOE 6-455).

Capabilities. a. At level 1, this unit—

(1) Delivers 155-mm fires of all types at time and place required.

(2) Is capable of cross-country mobility and rapid emplacement.

(3) Furnishes its portion of the battalion communication system.

b. This unit is not adaptable to a type B organization.

c. Security sections, when required to maintain security of nuclear materials, will be authorized by an MTOE in accordance with AR 310-31. Security sections will be structured, using the security section in TOE 6-367 as a guide.

d. This unit depends on the battalion HQ battery for survey support, target acquisition, and defense against low-altitude hostile aircraft.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 3 EM 94
Aggr 97
b. Level 2: Off 3 EM 85
Aggr 88
c. Level 3: Off 3 EM 71
Aggr 74

Basis of allocation. Three per field artillery battalion, 155-mm, self-propelled (TOE 6-455).

Category. I.

Mobility. One hundred-percent mobile in organic transportation.

6-459G Svc Btry, FA Bn, 155-mm, SP

Mission. To procure and distribute all classes of supplies to units of the battalion, to maintain appropriate supply and materiel records, to provide personnel administration and management for the battalion, and to perform organizational maintenance functions not otherwise accomplished within the battalion.

Assignment. Organic to field artillery battalion, 155-mm, self-propelled (TOE 6-455).

Capabilities. a. At level 1, this unit—

(1) Procures and distributes all classes of supplies to units of the battalion.

(2) Maintains appropriate supply, personnel, and materiel records.

(3) Provides organizational vehicle maintenance support.

(4) Transports its portion of the battalion's basic load of ammunition.

b. This unit is not adaptable to a type B organization.

c. This unit depends on a finance service organization (TOE 14-500) for finance services.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 2 WO 3
EM 75 Aggr 80
b. Level 2: Off 2 WO 3
EM 68 Aggr 73
c. Level 3: Off 2 WO 3
EM 60 Aggr 65

Basis of allocation. One per field artillery battalion, 155-mm, self-propelled (TOE 6-455).

Category. I.

Mobility. One hundred-percent mobile in organic transportation.

6-465G FA Bn, 105-mm, SP

Mission. To provide general artillery support and/or reinforcing fires to units of a division, corps, or field army.

Assignment. To field army or separate corps; normally attached to corps for further attachment to a field artillery group, division, or other major unit.

Capabilities. a. At level 1, this unit—

(1) Provides continuous artillery support and target acquisition, communications, liaison, and survey required by the battalion mission.

(2) Provides unit-level medical service to include medical care and evacuation for the units of the battalion.

(3) Draws and issues all classes of supplies, performs organizational motor maintenance, furnishes personnel administration, and transports its prescribed basic load of ammunition.

(4) Is capable of cross-country mobility and landing by aircraft.

b. This unit is not adaptable to a type B organization.

c. Additional liaison and forward observer sections, if required, will be authorized by an MTOE under the provisions of AR 310-31.

d. Individuals of this organization, except chaplain and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 28 WO 3
EM 458 Aggr 489
b. Level 2: Off 28 WO 3
EM 408 Aggr 439
c. Level 3: Off 28 WO 3
EM 359 Aggr 390

Basis of allocation. As required by any higher HQ.

Category. I.

Mobility. One hundred-percent mobile in organic transportation.

Components. a. One HHB (TOE 6-466G).

b. Three field artillery batteries, 105-mm, self-propelled (TOE 6-467G).

c. One service battery (TOE 6-469G).

6-466G HHB, FA Bn, 105-mm, SP

Mission. To direct and coordinate operations of the battalion and to provide facilities with which the battalion commander controls the battalion.

Assignment. Organic to field artillery battalion, 105-mm, self-propelled (TOE 6-465).

Capabilities. a. At level 1, this unit—

(1) Provides staff planning and supervision of operations of organic units of the battalion.

(2) Provides unit-level medical service to include medical care and evacuation for the battalion and attached units, establishes an aid station, and furnishes aidmen to units organic to the battalion.

(3) Provides survey for the battalion.

(4) Provides its portion of the battalion communication system.

(5) Is capable of cross-country mobility.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except chaplain and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 14 EM 117
Aggr 131

b. Level 2: Off 14 EM 104
Aggr 118

c. Level 3: Off 14 EM 100
Aggr 114

Basis of allocation. One per field artillery battalion, 105-mm, self-propelled (TOE 6-465).

Category. I.

Mobility. One hundred-percent mobile in organic transportation.

6-467G FA Btry, 105-mm, SP

Mission. To provide a firing component of the 105-mm battalion, self-propelled, and to furnish its portion of the battalion communication and target acquisition systems.

Assignment. Organic to field artillery battalion, 105-mm, self-propelled (TOE 6-465).

Capabilities. a. At level 1, this unit—

(1) Delivers 105-mm fires of all types at time and place required.

(2) Furnishes its portion of the battalion communication and target acquisition systems.

(3) Is capable of cross-country mobility and rapid emplacement.

b. This unit depends on the battalion HQ battery to provide all survey.

c. This unit is not adaptable to a type B organization.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 4 EM 86
Aggr 90

b. Level 2: Off 4 EM 77

Aggr 81

c. Level 3: Off 4 EM 67

Aggr 71

Basis of allocation. Three per field artillery battalion, 105-mm, self-propelled (TOE 6-465).

Category. I.

Mobility. One hundred-percent mobile in organic transportation.

6-469G Svc Btry, FA Bn, 105-mm, SP

Mission. To procure, break down, and distribute all classes of supplies to units of the battalion; to maintain appropriate supply, administrative, and personnel records; and to perform motor maintenance functions not otherwise accomplished within the battalion.

Assignment. Organic to field artillery battalion, 105-mm, self-propelled (TOE 6-465).

Capabilities. a. At level 1, this unit—

(1) Draws and issues all classes of supplies.

(2) Furnishes battalion-level organizational motor maintenance support and personnel administration for the battalion.

(3) Transports its portion of the basic load of ammunition for the battalion.

(4) Is capable of cross-country mobility.

b. This unit is not adaptable to a type B organization.

c. Individuals of this unit can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 2 WO 3
EM 83 Aggr 88

b. Level 2: Off 2 WO 3
EM 73 Aggr 78

c. Level 3: Off 2 WO 3
EM 58 Aggr 63

Basis of allocation. One per field artillery battalion, 105-mm, self-propelled (TOE 6-465).

Category. I.

Mobility. One hundred-percent mobile in organic transportation.

6-500G USA FA Whd Spt Det

Mission. a. To provide by team composition for the custody, control, maintenance support, and monitoring of nuclear warhead sections and components or nonnuclear components.

b. To perform nuclear warhead section projectile mating, installation, or operations by team composition, depending on tactical and logistic considerations involved.

Assignment. Teams may be attached or assigned, as required, to fixed-strength units or may be organized into support units to perform custodial and monitoring functions under varying conditions.

Capabilities. a. The capabilities of units organized under this TOE will vary with the size and groupings of teams. Capabilities of individual teams are as indicated in the detailed breakdown of teams below.

b. These teams are not adaptable to a type B organization.

c. Mess and automotive teams, when required to support the control, custodial, and monitoring functions, will be authorized by an MTOE under the provisions of AR 310-31. These teams will be provided, as required, from TOE 29-500 and TOE 29-600 series. The basis for computation of requirements is the number of personnel to be messed and the numbers and types of vehicles (vehicle equivalents) requiring organizational maintenance.

d. Interpreters and translators, when required in the performance of normal support mission, will be authorized by an MTOE under the provisions of AR 310-31. These teams will be provided, as required, from TOE 30-600.

e. Units organized using these teams may be made operationally self-sufficient except for the following functions:

(1) Transportation and escort personnel will be required to move warhead sections from U.S. Army ammunition supply points or oversea storage sites (or unloading points) to supported unit storage and firing sites.

(2) Construction and maintenance of storage sites, extension of communication and external unit security, in accordance with the local area or installation, will require support from the supported forces.

(3) Defense of the unit's area or installation against hostile attack will require support from other forces or reinforcement by additional U.S. military personnel.

f. Individuals of these teams, except medical personnel, can engage in effective, coordinated defense of their area or installation.

Strength. See individual teams below for strengths.

Basis of allocation. Normally one detachment with appropriate teams per supported battalion equivalent to a U.S. Army Honest John, Sergeant,

Pershing, or cannon artillery battalion. Types of allocations are as indicated in the detailed breakdown of individual teams below.

Category. I.

Mobility. One hundred-percent mobile.

Detailed Breakdown of Teams

Administrative Team

Team AA, detachment headquarters

Capabilities. Commands and controls two or more security teams and one or more maintenance and assembly teams, depending on the location of the supported unit and the support to be furnished. Provides wrecker support for at least two maintenance and assembly teams.

Strength. a. Level 1: Off 1 EM 5

Aggr 6

b. Level 2: Off 1 EM 5

Aggr 6

c. Level 3: Off 1 EM 4

Aggr 5

Basis of allocation. One per U.S. Army field artillery warhead support detachment.

Maintenance and Assembly Teams

Teams EA—ED

Team EA, maintenance and assembly (Honest John)

Capabilities. Provides qualified personnel and equipment to supervise and accomplish nuclear warhead section rocket motor assembly, nuclear warhead and components checkout, and nuclear warhead section monitoring and training assistance for an Honest John battalion.

Strength. a. Level 1: Off 1 EM 6

Aggr 7

b. Level 2: Off 1 EM 5

Aggr 6

c. Level 3: Off 1 EM 5

Aggr 6

Basis of allocation. Normally one per each supported Honest John battalion.

Team EB, maintenance and assembly (Sergeant)

Capabilities. Provides qualified personnel and equipment to supervise and accomplish nuclear warhead section missile assembly, nuclear warhead and components checkout, and nuclear warhead section monitoring and training assistance for a Sergeant battalion.

Strength. a. Level 1: WO 1 EM 6

Aggr 7

b. Level 2: WO 1 EM 5

Aggr 6

- c. Level 3: WO 1 EM 5
Aggr 6

Basis of allocation. Normally one per each supported Sergeant battalion.

Team EC, maintenance and assembly (Pershing)

Capabilities. Provides qualified personnel and equipment to supervise and accomplish nuclear warhead section missile assembly, nuclear warhead and components checkout, and nuclear warhead section monitoring and training assistance for a Pershing battalion.

- Strength.* a. Level 1: WO 1 EM 6
Aggr 7
b. Level 2: WO 1 EM 5
Aggr 6
c. Level 3: WO 1 EM 5
Aggr 6

Basis of allocation. Normally one per each supported Pershing battalion.

Team ED, maintenance and assembly (cannon)

Capabilities. Provides qualified personnel and equipment to supervise firing, storage, safety, and emergency disposition techniques and accomplishes nuclear projectile assembly and nuclear components monitoring and training assistance for cannon artillery units.

- Strength.* a. Level 1: Off 1 EM 6
Aggr 7
b. Level 2: Off 1 EM 5
Aggr 6
c. Level 3: Off 1 EM 5
Aggr 6

Basis of allocation. Normally one per each supported cannon artillery battalion.

**Security Teams
Teams FA—FD**

Team FA, security (Honest John)

Capabilities. Provides personnel and equipment to maintain continuous custody of nuclear warhead sections or components at a warhead storage installation used as storage site in an Honest John unit area.

- Strength.* a. Level 1: Off 1 EM 19
Aggr 20
b. Level 2: Off 1 EM 17
Aggr 18
c. Level 3: Off 1 EM 15
Aggr 16

Basis of allocation. Normally one per Honest John storage site.

Team FB, security (Sergeant)

Capabilities. Provides personnel and equipment to maintain continuous custody of nuclear warhead sections or components at a warhead storage installation used as storage site in a Sergeant unit area.

- Strength.* a. Level 1: Off 1 EM 19
Aggr 20
b. Level 2: Off 1 EM 17
Aggr 18
c. Level 3: Off 1 EM 15
Aggr 16

Basis of allocation. Normally one per Sergeant storage site.

Team FC, security (Pershing)

Capabilities. Provides personnel and equipment to maintain continuous custody of nuclear warhead sections or components at a warhead storage installation used as storage site in a Pershing unit area.

- Strength.* a. Level 1: Off 1 EM 19
Aggr 20
b. Level 2: Off 1 EM 17
Aggr 18
c. Level 3: Off 1 EM 15
Aggr 16

Basis of allocation. Normally one per Pershing storage site.

Team FD, security (cannon)

Capabilities. Provides personnel and equipment to maintain continuous custody of nuclear warhead sections or components at a warhead storage installation used as storage site in a cannon artillery unit area.

- Strength.* a. Level 1: Off 1 EM 19
Aggr 20
b. Level 2: Off 1 EM 17
Aggr 18
c. Level 3: Off 1 EM 15
Aggr 16

Basis of allocation. Normally one per each supported cannon artillery battalion.

Communication Team

Team GA, communications

Capabilities. Provides personnel and equipment for organizational maintenance of radio equipment and for the operation of radio and telephone nets within the field artillery warhead support organization.

- Strength.* a. Level 1: EM 7
b. Level 2: EM 6
c. Level 3: EM 5

Basis of allocation. Normally one per each supported Honest John, Sergeant, Pershing, or cannon artillery battalion.

Medical Teams Teams HA and HB

Team HA, medical aid station

Capabilities. Provides personnel and equipment for operation of a medical aid station to provide unit-level medical support.

- Strength.* a. Level 1: Off 1 EM 5
Aggr 6
b. Level 2: Off 1 EM 5
Aggr 6
c. Level 3: Off 1 EM 4
Aggr 5

Basis of allocation. Normally one per U.S. Army field artillery warhead support detachment, strength not to exceed 500, located in not more than four separate troop concentrations within 40-kilometer road distance of the aid station.

Team HB, ambulance detail

Capabilities. Provides minimum personnel and equipment for operation of one 3/4-ton field ambulance.

- Strength.* Levels 1 through 3: EM 1

Basis of allocation. Augments team HA on the basis of one per four or a fraction additional troop concentrations within 40-kilometer road distance of the aid station.

6-501G HHB, Corps Arty

Mission. To provide tactical control and administrative supervision of assigned and attached units.

Assignment. To corps.

Capabilities. a. At level 1, this unit—

(1) Provides staff planning, supervision, coordination, and control of operations and administration of assigned units and attached units not further attached to subordinate elements of the corps.

(2) Provides fire support coordination to the corps tactical operations center.

(3) Is capable of landing by aircraft.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except chaplain personnel, can engage in effective, coordinated defense of the unit's area or installation.

- Strength.* a. Level 1: Off 37 WO 3
EM 171 Aggr 211

- b. Level 2: Off 36 WO 2
EM 153 Aggr 191
c. Level 3: Off 33 WO 2
EM 136 Aggr 171

Basis of allocation. One per corps.

Category. I.

Mobility. One hundred-percent mobile in organic transportation.

6-502G HHB, Abn Corps Arty

Mission. To provide tactical control and administrative supervision of assigned and attached units.

Assignment. To airborne corps.

Capabilities. a. At level 1, this unit—

(1) Provides staff planning, supervision, coordination, and control of operations and administration of assigned units and attached units not further attached to subordinate elements of the corps.

(2) Provides fire support coordination to the corps tactical operations center.

(3) Is capable of landing by parachute or aircraft.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except chaplain personnel can engage in effective, coordinated defense of the unit's area or installation.

- Strength.* a. Level 1: Off 37 WO 3
EM 162 Aggr 202
b. Level 2: Off 36 WO 2
EM 145 Aggr 183
c. Level 3: Off 33 WO 2
EM 129 Aggr 164

Basis of allocation. One per airborne corps.

Category. I.

Mobility. Seventy-five-percent mobile in organic transportation; 100-percent air transportable in medium transport aircraft.

6-510T FA Omnidirectional Cm Rdr Org

Mission. To provide by team composition flexible countermortar radar support organizations for detection and location of hostile mortars.

Assignment. Teams may be attached or assigned to individual U.S. Army units in numbers and types consistent with the requirements of the assigned contingency or operational mission, or they may be organized into field artillery countermortar radar units to support friendly military units under varying conditions.

Capabilities. a. Capabilities of field artillery countermortar radar support units comprised of teams from this TOE will vary with the numbers and types of teams used. Capabilities of individual teams are as indicated in the detailed breakdown of teams below.

b. These teams are not adaptable to levels 2 and 3 or to a type B organization.

c. Countermortar radar support units comprised of teams from this TOE are not self-sufficient and must be furnished mess and automotive maintenance support by appropriate teams from TOE 29-500 and TOE 29-600, medical service by team HA (TOE 6-500), and radio communication support by team GA (TOE 6-500).

d. Interpreters and translators, when required by the countermortar radar units' support mission, must be furnished by appropriate teams from TOE 30-600.

e. Teams attached or assigned to U.S. military units depend on the supported unit for all survey control, mess, and organizational maintenance on assigned equipment (less radar), medical services, supply, installation of trunk wire lines, and administrative and personnel services.

f. Countermortar radar organizations supporting friendly forces depend on the supported unit for all survey control and installation and maintenance of required communication nets.

g. Individuals of these teams can engage in effective, coordinated defense of their area or installation.

Strength. See individual teams below for strengths.

Basis of allocation. Types of allocations are as indicated in the detailed breakdown of individual teams below.

Category. I.

Mobility. See individual teams below for mobility.

Detailed Breakdown of Teams Teams AA, AB, FA, and FB

Team AA, countermortar radar platoon headquarters (separate)

Capabilities. Supervises and controls the tactical operations of two or more fixed or mobile countermortar radar sections attached or assigned to U.S. Army field artillery units.

Strength. Off 1 EM 2 Aggr 3

Basis of allocation. To U.S. Army units, as required, for supervision and control of two or more countermortar radar sections. The countermortar

radar platoon is not to be allocated to field artillery omnidirectional countermortar radar detachments.

Mobility. For tactical movements, 100-percent mobile in organic transportation.

Team AB, countermortar radar detachment headquarters

Capabilities. Commands and controls up to four fixed or mobile countermortar radar sections, depending on the location and operational mission of the supported friendly forces.

Strength. Off 1 EM 4 Aggr 5

Basis of allocation. One per field artillery omnidirectional countermortar radar detachment.

Mobility. For tactical movements, 100-percent mobile in organic transportation.

Team FA, countermortar radar section (fixed)

Capabilities. Emplaces and operates one omnidirectional countermortar radar set on a 24-hour basis at a fixed site; performs organizational maintenance on assigned equipment, except for communication and automotive equipment; performs limited survey to extend control, as required by the section's mission; installs and maintains intrasection wire nets; and operates in the radio nets of supported U.S. Army units.

Strength. WO 1 EM 11 Aggr 12

Basis of allocation. a. One or more attached or assigned to a U.S. Army unit, as required by the unit's operational mission.

b. Up to four per field artillery omnidirectional countermortar radar detachment, as required by the operational mission of the supported friendly forces.

Mobility. For tactical movements, 10-percent mobile in organic transportation. When this team displaces, additional general-purpose vehicles or aircraft are required for 6 tons of supplies and six individuals. The team's organic vehicles cannot move 1,300 cubic feet of supplies and equipment.

Team FB, countermortar radar section (mobile)

Capabilities. Emplaces and operates one omnidirectional countermortar radar set on a 24-hour basis; displaces in organic vehicles or by cargo and/or utility helicopters; performs organizational maintenance on assigned equipment, except for communication and automotive equipment; performs limited survey to extend control, as required by the section's mission; installs and maintains intrasection wire nets; and operates in radio nets of supported U.S. Army units.

Strength. WO 1 EM 11 Aggr 12

Basis of allocation. a. One or more attached or assigned to a U.S. Army unit, as required by the unit's assigned contingency or operational mission.

b. Up to four per field artillery omnidirectional countermortar detachment, as required by the operational mission of the supported friendly forces.

Mobility. For tactical movements, 100-percent mobile in organic transportation.

6-517T Corps Arty Avn Btry

Mission. To provide aerial target acquisition support to the artillery with the corps and Army aviation support to a corps artillery HQ and units of corps artillery not having organic aircraft.

Assignment. To corps artillery or airborne corps artillery.

Capabilities. a. At full strength, this unit—

(1) Conducts air observation for detection, identification, and location of targets; fire adjustment; and surveillance of fire.

(2) Provides air transportation for the corps artillery commander and his staff.

(3) Provides aviation support to corps artillery units not having organic aircraft.

(4) Conducts continuous (day and night) operations during visual weather conditions and limited operations under instrument weather conditions.

(5) Conducts rapid spot aerial photography consisting of daylight vertical and oblique photography and night vertical photography.

(6) Conducts radar search and target acquisition in critical or suspect areas.

(7) Conducts infrared search and target acquisition in critical or suspect areas.

(8) Provides aircraft for wire-laying, radio-relay, courier, and messenger services.

(9) Provides communication and airfield terminal control facilities for the corps artillery base airfield.

(10) Provides limited battlefield illumination.

(11) Provides limited radiological survey.

(12) Augments aeromedical evacuation, as required.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Full: Off 14 WO 15
EM 140 Aggr 169

b. Reduced: Off 11 WO 11
EM 109 Aggr 131

Basis of allocation. One per corps artillery or airborne corps artillery.

Category. I.

Mobility. One hundred-percent mobile, using organic air and ground vehicles.

6-525G FA Bn, HJ

Mission. To provide artillery fires in general support of a division, corps, or field army.

Assignment. a. To field army or separate corps; may be attached to corps for further attachment to a field artillery group.

b. Organic to U.S. Army missile command, air transportable (TOE 39-51).

Capabilities. a. At level 1, this unit—

(1) Delivers indirect neutralization, interdiction, and destruction fires with a variety of warheads.

(2) Furnishes its portion of the communications, fire control, and survey required by the artillery mission.

(3) Draws and issues all classes of supplies and stores, secures, assembles, and tests rocket motors, warheads, and associated equipment.

(4) Performs organizational maintenance on automotive, communication, computer gun direction (FADAC), and power-generating equipment and small arms.

(5) Is capable of limited cross-country mobility.

(6) Establishes and maintains exclusion areas for nuclear materials.

b. This unit is not adaptable to a type B organization.

c. A meteorological section, when required by the unit's mission, will be authorized by an MTOE under the provisions of AR 310-31. The meteorological section included in TOE 6-576 will be used as a guide in determining personnel and equipment requirements.

d. At level 1, this unit can transport a basic load of 24 rockets. At levels 2 and 3, the unit can transport 18 and 12 rockets respectively.

e. Individuals of this organization, except chaplain and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 29 WO 3
EM 376 Aggr 408
b. Level 2: Off 29 WO 3
EM 335 Aggr 367
c. Level 3: Off 28 WO 3
EM 295 Aggr 326

Basis of allocation. Normally three per corps; one per U.S. Army missile command, air transportable (TOE 39-51).

Category. I.

Mobility. For tactical movements, 100-percent mobile in organic vehicles.

Components. a. One HQ, H&S battery (TOE 6-526G).

b. Three field artillery batteries, Honest John (TOE 6-527G).

6-526G HQ, H&S Btry, FA Bn, HJ

Mission. a. To direct, coordinate, and control the operations of the battalion and to provide facilities with which the battalion commander controls the battalion.

b. To procure and distribute all classes of supplies (except Honest John rockets) to units of the battalion; to maintain appropriate personnel, supply, and materiel records; and to perform organizational maintenance functions not otherwise accomplished within the battalion.

Assignment. Organic to field artillery battalion, Honest John (TOE 6-525).

Capabilities. a. At level 1, this unit—

(1) Provides staff planning, supervision, coordination, and control of operations of organic units of the battalion.

(2) Provides survey control for the battalion.

(3) Provides unit-level medical service to include medical care and intrabattalion evacuation, establishes an aid station, furnishes aidmen to organic units of the battalion, and supervises field sanitation within the battalion.

(4) Provides organizational maintenance for automotive, communication, and computer gun direction (FADAC) equipment.

(5) Procures and issues all classes of supplies (except Honest John rockets) and provides personnel service for the battalion.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except chaplain and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 14 WO 3
EM 127 Aggr 144
b. Level 2: Off 14 WO 3
EM 113 Aggr 130
c. Level 3: Off 13 WO 3
EM 100 Aggr 116

Basis of allocation. One per field artillery battalion, Honest John (TOE 6-525).

Category. I.

Mobility. For tactical movements, 100-percent mobile in organic vehicles.

6-527G FA Btry, HJ

Mission. To provide a firing component of the field artillery battalion, Honest John.

Assignment. Organic to field artillery battalion, Honest John (TOE 6-525).

Capabilities. a. At level 1, this unit—

(1) Delivers indirect neutralization, harassing, interdiction, and destruction fires with a variety of warheads.

(2) Is capable of limited cross-country mobility.

(3) Furnishes its portion of the battalion communication system.

(4) Draws, transports, stores, assembles, and tests Honest John rockets and associated equipment.

(5) Establishes and maintains an exclusion area for nuclear materials.

b. This unit is not adaptable to a type B organization.

c. This unit depends on the battalion H&S battery to provide all survey.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 5 EM 83
Aggr 88
b. Level 2: Off 5 EM 74
Aggr 79
c. Level 3: Off 5 EM 65
Aggr 70

Basis of allocation. Three per field artillery battalion, Honest John (TOE 6-525).

Category. I.

Mobility. For tactical movements, 100-percent mobile in organic vehicles.

6-555G FA Bn, SGT

Mission. To provide field artillery missile fires in support of a field army or corps.

Assignment. To field army; may be attached to corps.

Capabilities. a. At level 1, this unit—

(1) Delivers indirect neutralization, interdiction, and destruction fires with a variety of warheads.

(2) Furnishes its portion of the required communications, liaison, and survey.

(3) Is capable of deliberate occupation of position and rapid displacement from position.

(4) Draws, transports, stores, tests, repairs, and assembles missiles and associated equipment.

(5) Provides medical service for units of the battalion to include medical care and intrabattalion evacuation.

(6) Performs direct support maintenance on engineer and ordnance types of equipment (less automotive) peculiar to the Sergeant missile system.

(7) Procures and distributes all classes of supplies to units of the battalion; maintains appropriate supply, personnel, and materiel records; and performs its required organizational maintenance.

b. This unit is not adaptable to a type B organization.

c. This unit depends on other organizations for defense against hostile aircraft.

d. Individuals of this organization, except chaplain and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 27 WO 7
EM 343 Aggr 377
b. Level 2: Off 26 WO 7
EM 307 Aggr 340
c. Level 3: Off 26 WO 6
EM 270 Aggr 302

Basis of allocation. Normally three per typical field army.

Category. I.

Mobility. One hundred-percent mobile in organic transportation.

Components. a. One HQ, H&S battery (TOE 6-556G).

b. Two field artillery batteries, Sergeant (TOE 6-557G).

6-556G HQ, H&S Btry, FA Bn, SGT

Mission. a. To direct and coordinate operations of the battalion and to provide the facilities with which the battalion commander controls the battalion.

b. To procure and distribute all classes of supplies to units of the battalion, to maintain appropriate supply and personnel records, to perform unit-level organizational maintenance for the battalion, and to perform direct support maintenance on engineer and ordnance equipment (less automotive) peculiar to the Sergeant missile system.

Assignment. Organic to field artillery battalion, Sergeant (TOE 6-555).

Capabilities. a. At level 1, this unit—

(1) Controls and coordinates the battalion operations, functions, and activities.

(2) Provides survey control to the firing battery survey sections.

(3) Provides unit-level medical service to include medical care and intrabattalion evacuation, establishes an aid station, furnishes aidmen to organic units of the battalion, and supervises field sanitation within the battalion.

(4) Provides logistic and administrative support for the battalion.

(5) Performs maintenance functions that are not within the capabilities of the organic batteries.

(6) Transports its portion of the battalion's basic load of missiles.

b. This unit is not adaptable to a type B organization.

c. A security section, when required to maintain security of nuclear materials, will be provided by an MTOE in accordance with AR 310-31. The security sections in TOE 6-619 will be used as a guide for structuring the security section authorized this unit.

d. Individuals of this organization, except chaplain and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 19 WO 5
EM 185 Aggr 209
b. Level 2: Off 18 WO 5
EM 165 Aggr 188
c. Level 3: Off 18 WO 4
EM 146 Aggr 168

Basis of allocation. One per field artillery battalion, Sergeant (TOE 6-555).

Category. I.

Mobility. One hundred-percent mobile in organic transportation.

6-557G FA Btry, SGT

Mission. To provide a firing component of the field artillery battalion, Sergeant.

Assignment. Organic to field artillery battalion, Sergeant (TOE 6-555).

Capabilities. a. At level 1, this unit—

(1) Delivers indirect neutralization, harassing, interdiction, and destruction fires with a variety of warheads.

(2) Furnishes its component of the battalion communication and survey systems.

(3) Transports its portion of the battalion's basic load of missiles.

(4) Performs organizational maintenance on missiles, warheads, test equipment, and associated handling equipment and performs battery-level maintenance on automotive equipment.

(5) Has cross-country mobility.

b. This unit is not adaptable to a type B organization.

c. A security section, when required to maintain security of nuclear materials, will be provided by an MTOE in accordance with AR 310-31. The security section in TOE 6-617 will be used as a guide for structuring the security section authorized this unit.

d. Personnel and equipment for transporting the training set, X3G52/Sergeant, when the unit is required to transport the training set in addition to its basic load of missiles, will be provided by an MTOE in accordance with AR 310-31.

e. Individuals of the organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 4 WO 1
EM 79 Aggr 84

b. Level 2: Off 4 WO 1
EM 71 Aggr 76

c. Level 3: Off 4 WO 1
EM 62 Aggr 67

Basis of allocation. Two per field artillery battalion, Sergeant (TOE 6-555).

Category. I.

Mobility. One hundred-percent mobile in organic transportation.

6-558G FA Btry, Slt

Mission. To furnish direct or indirect illumination in support of tactical night operations within division and corps areas.

Assignment. To corps artillery.

Capabilities. a. At level 1, this unit provides

(1) Mobile battlefield illumination for the area of one corps under normal conditions.

(2) Organizational maintenance for organic equipment.

(3) The communication system for control of organic searchlights. Each platoon can provide battlefield illumination for the area of one division under normal conditions.

b. This unit is not adaptable to a type B organization.

c. This unit depends on higher or supported HQ for survey and observation.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 8 EM 146

Aggr 154

b. Level 2: Off 8 EM 130

Aggr 138

c. Level 3: Off 5 EM 118

Aggr 123

Basis of allocation. One per corps.

Category. I.

Mobility. One hundred-percent mobile in organic transportation; 100-percent air transportable in medium transport aircraft.

6-575G FATAB

Mission. To provide general target acquisition, survey, and meteorological support to the artillery with a corps.

Assignment. To corps artillery or airborne corps artillery.

Capabilities. a. At level 1, this unit—

(1) Provides general target acquisition by means of sound ranging, flash ranging, and counterbattery radar.

(2) Registers and adjusts artillery weapons by flash, sound, and radar techniques.

(3) Provides ballistic and sound-locating meteorological messages to the artillery with the corps.

(4) Provides common survey control throughout the corps area and coordinates the survey operations of artillery units with the corps.

(5) Performs comparative calibration of artillery weapons.

(6) Provides its component of the corps communications, observation, and fire support coordination.

(7) Verifies the location of nuclear bursts fired by friendly forces.

(8) Provides unit-level medical service to include medical care and intrabattalion evacuation.

(9) Procures and distributes all classes of supplies to units of the battalion.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 38 WO 9
EM 721 Aggr 768
b. Level 2: Off 38 WO 9
EM 646 Aggr 693
c. Level 3: Off 38 WO 9
EM 569 Aggr 616

Basis of allocation. One per corps artillery or airborne corps artillery.

Category. I.

Mobility. For tactical movements, 100-percent mobile in organic transportation.

Components. a. One HHB (TOE 6-576G).

b. Three field artillery target acquisition batteries (TOE 6-577G).

6-576G HHB, FATAB

Mission. a. To direct, coordinate, and control the operations of the battalion and attached units and to provide facilities with which the battalion commander controls the battalion.

b. To procure and distribute supplies to units of the battalion.

c. To furnish its component of the battalion target acquisition, survey, and meteorological systems.

Assignment. Organic to field artillery target acquisition battalion (TOE 6-575).

Capabilities. a. At level 1, this unit—

(1) Provides staff planning, supervision, coordination, and control of operations of assigned and attached units.

(2) Provides ballistic meteorological messages to the artillery with the corps.

(3) Provides common survey control throughout the corps area and coordinates the survey operations of the artillery units with the corps.

(4) Procures and distributes supplies to units of the battalion.

(5) Provides unit-level medical service to include medical care and intrabattalion evacuation, establishes an aid station, furnishes aidmen to the organic batteries, and supervises field sanitation.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 14 WO 6
EM 163 Aggr 183
b. Level 2: Off 14 WO 6
EM 145 Aggr 165
c. Level 3: Off 14 WO 6
EM 137 Aggr 157

Basis of allocation. One per field artillery target acquisition battalion (TOE 6-575).

Category. I.

Mobility. For tactical movements, 100-percent mobile in organic transportation.

6-577G FA Tgt Acq Btry

Mission. To provide a component of the field artillery target acquisition battalion.

Assignment. Organic to field artillery target acquisition battalion (TOE 6-575).

Capabilities. a. At level 1, this unit—

(1) Provides general target acquisition by means of sound ranging, flash ranging, and counterbattery radar.

(2) Registers and adjusts artillery weapons by flash, sound, and radar techniques.

(3) Performs its portion of the target acquisition battalion survey operations.

(4) Verifies the location of nuclear burst delivered by friendly forces.

(5) Performs comparative calibration of artillery weapons.

(6) Performs organizational maintenance on organic equipment, except for battalion-level maintenance on automotive equipment.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 8 WO 1
EM 186 Aggr 195
b. Level 2: Off 8 WO 1
EM 167 Aggr 176
c. Level 3: Off 8 WO 1
EM 144 Aggr 153

Basis of allocation. Three per field artillery target acquisition battalion (TOE 6-575).

Category. I.

Mobility. For tactical movements, 100-percent mobile in organic transportation.

6-615G FA Bn, PERSH

Mission. To provide nuclear fires for special employment or for general support of field operations.

Assignment. As required for special employment or one per U.S. field army.

Capabilities. a. At level 1, this unit includes 36 Pershing missile launchers and 12 programmer test stations, together with the personnel and additional equipment necessary to enable their effective employment under conditions of sustained combat or high-tension operations. It includes capabilities for—

(1) Delivering neutralization and mass destruction nuclear fires on preplanned targets or targets of opportunity.

(2) Furnishing its portion of the communications, liaison, and survey required by the battalion mission.

(3) Mobility, permitting deliberate occupation of, and rapid displacement from, position.

(4) Drawing, transporting, storing, testing, assembling, and providing organizational maintenance and supply support for all organic equipment on Pershing missile and associated equipment.

(5) Besides normal organizational maintenance, providing direct support maintenance for all organic equipment (less automotive) and associated and ancillary equipment of the Pershing missile system.

(6) Unit-level medical service.

b. At level 2, this unit includes 24 Pershing missile launchers and eight programmer test stations, together with the personnel and additional equipment necessary for their effective employment under conditions of sustained combat or high-tension operations.

c. At level 3, the unit retains 24 Pershing missile launchers and eight programmer test stations. However, the numbers of personnel and supporting equipment are reduced to the minimum required for training or peacetime operations.

d. This unit is not adaptable to a type B organization.

e. This unit depends on the personnel service company (TOE 12-67) for personnel administrative support.

f. Individuals of this organization, except chaplain and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 67 WO 28
EM 1,585 Aggr 1,680
b. Level 2: Off 59 WO 24
EM 1,256 Aggr 1,339
c. Level 3: Off 47 WO 22
EM 852 Aggr 921

Basis of allocation. As required for special employment or one per field army.

Category. I.

Mobility. One hundred-percent mobile.

Components. a. One HHB (TOE 6-616G).

b. Four field artillery batteries, Pershing (TOE 6-617G).

c. One service battery (TOE 6-619G).

6-616G HHB, FA Bn, PERSH

Mission. To direct and coordinate operations of the battalion and to provide facilities with which the battalion commander controls the battalion.

Assignment. Organic to field artillery battalion, Pershing (TOE 6-615).

Capabilities. a. At level 1, this unit—

(1) Provides staff planning, supervision, coordination, and control of operations of organic units of the battalion.

(2) Provides unit-level medical service to the battalion to include furnishing aidmen to battalion units.

(3) Besides normal organizational maintenance, performs direct support maintenance on communications-electronics equipment (except cryptographic) organic to the battalion.

b. At levels 2 and 3, this unit's capabilities are reduced commensurate with the reduced requirements of a 24-launcher, eight-programmer test station battalion.

c. This unit is not adaptable to a type B organization.

d. Individuals of this organization, except medical and chaplain personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 21 WO 8
EM 173 Aggr 202
b. Level 2: Off 21 WO 8
EM 168 Aggr 197
c. Level 3: Off 18 WO 8
EM 143 Aggr 169

Basis of allocation. One per field artillery battalion, Pershing (TOE 6-615).

Category. I.

Mobility. One hundred-percent mobile.

6-617G FA Btry, PERSH

Mission. To provide a firing component of the field artillery battalion, Pershing, and to furnish its portion of the battalion communication and survey systems.

Assignment. Organic to field artillery battalion, Pershing (TOE 6-615).

Capabilities. a. At level 1, this unit can execute its stated mission, using nine launchers and three sets of ground support equipment under conditions of sustained combat or high-tension operations. These include capabilities for—

(1) Delivering neutralization and mass destruction nuclear fires on preplanned targets or targets of opportunity.

(2) Processing firing data and testing, assembling, erecting, and firing missiles.

(3) Mobility, permitting deliberate occupation of, and rapid displacement from, firing position.

(4) Transporting its portion of the basic load of missiles.

(5) Performing organizational maintenance on all its organic equipment.

b. At level 2, this unit can execute its stated mission, using six launchers and two sets of ground support equipment under conditions of sustained combat or high-tension operations.

c. At level 3, this unit's capabilities of employing the authorized six launchers and two sets of ground support equipment are reduced to the minimum essential for sustained training or peacetime operations. Additional personnel and equipment are required to enable this unit to satisfy the stated mission under conditions of sustained combat or high-tension operations.

d. This unit is not adaptable to a type B organization.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 10 WO 3
EM 273 Aggr 286

b. Level 2: Off 8 WO 2
EM 197 Aggr 207

c. Level 3: Off 6 WO 2
EM 123 Aggr 131

Basis of allocation. Four per field artillery battalion, Pershing (TOE 6-615).

Category. I.

Mobility. One hundred-percent mobile.

6-619G Svc Btry, FA Bn, PERSH

Mission. To procure and distribute all classes of supplies to units of the battalion; to maintain appropriate supply records; and to perform a portion of equipment maintenance functions, except signal and automotive, for the battalion.

Assignment. Organic to field artillery battalion, Pershing (TOE 6-615).

Capabilities. a. At level 1, this unit includes the personnel and equipment necessary to support the operation of a Pershing battalion of 36 launchers and 12 programmer test stations under conditions of sustained combat or high-tension operations. It includes capabilities for—

(1) Drawing and issuing all classes of supplies for the battalion.

(2) Furnishing its portion of organizational maintenance for the battalion.

(3) Transporting and storing its portion of the battalion's basic load of ammunition.

(4) Providing direct support maintenance for organic equipment of the battalion (less automotive, communications, and electronics).

b. At level 2, this unit includes the personnel and equipment necessary to support the operation of a Pershing battalion of 24 launchers and eight programmer test stations under conditions of sustained combat or high-tension operations.

c. At level 3, this unit includes the personnel and equipment necessary to support the operation of a Pershing battalion of 24 launchers and eight programmer test stations under peacetime or CONUS training conditions. This unit requires additional personnel and equipment to satisfy the stated mission under conditions of sustained combat or high-tension operations.

d. This unit is not adaptable to a type B organization.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 6 WO 8
EM 320 Aggr 334

b. Level 2: Off 6 WO 8
EM 300 Aggr 314

c. Level 3: Off 5 WO 6
EM 217 Aggr 228

Basis of allocation. One per field artillery battalion, Pershing (TOE 6-615).

Category. I.

Mobility. One hundred-percent mobile.

CHAPTER 5

INFANTRY UNITS

7-15G Inf Bn, Inf Div Inf Bn, Sep Inf Bde

Mission. To close with the enemy by means of fire and maneuver to destroy or capture him or to repel his assault by fire, close combat, and counterattack.

Assignment. Organic to infantry division (TOE 7) and separate infantry brigade (TOE 7-100).

Capabilities. a. At level 1, this unit provides

- (1) A base of fire and maneuver elements.
- (2) The means to seize and hold terrain.
- (3) The capability to conduct independent operations on a limited scale.
- (4) Limited antitank protection.
- (5) Indirect fire support for organic and attached units.
- (6) Long-range patrolling when properly equipped.
- (7) A force that can participate in motorized, mechanized, and phase II of joint airborne operations when provided with sufficient transportation.
- (8) A force that can participate in airmobile operations when provided with sufficient air transport.
- (9) The capability to maneuver in all suitable types of terrain and under all climatic conditions.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

d. This unit depends on HHC, infantry division brigade (TOE 7-42), for chaplain support.

Strength. a. Level 1: Off 37 WO 2

EM 810 Aggr 849

b. Level 2: Off 36 WO 2

EM 724 Aggr 762

c. Level 3: Off 31 WO 2

EM 646 Aggr 679

Basis of allocation. To infantry division and separate infantry brigade in conformance with mission requirements determined by the theater commander and DA.

Category. I.

Mobility. For mobility of the components of this battalion, see applicable TOE extracts.

Components. a. One HHC (TOE 7-16G).

b. Three rifle companies (TOE 7-18G).

7-16G HHC, Inf Bn, Inf Div HHC, Inf Bn, Sep Inf Bde

Mission. To provide command, staff, administration, ground radar surveillance, mortar, reconnaissance, antitank, communication, forward air control, supply, maintenance, and medical support for the infantry battalion.

Assignment. Organic to infantry battalion, infantry division, or infantry battalion, separate infantry brigade (TOE 7-15).

Capabilities. a. At level 1, this unit provides

- (1) Command, control, staff planning, and supervision of operations of organic and attached elements of the infantry battalion.
- (2) Ground radar surveillance and reconnaissance.
- (3) Mortar and limited antitank support.
- (4) Supply and organizational maintenance support.
- (5) Centralized (battalion) or decentralized (company) messing, as required.
- (6) Communication and forward air control support.
- (7) Unit medical service to the infantry battalion, including furnishing aidmen to rifle companies.

b. This unit is not adaptable to a type B organization.

c. When this battalion is transferred or detached from the division or separate brigade, a personnel section from the personnel service division, AG section, administration company (TOE

12-37 or TOE 12-177), will be transferred with or attached to the battalion. This personnel section will be composed of those individuals who regularly maintain this battalion's records in the personnel service division.

d. This unit depends on—

(1) The HHC of the infantry brigade (TOE 7-42 or TOE 7-102) for chaplain support.

(2) The infantry division artillery (TOE 6-100) or other sources for nuclear fire support.

e. Individuals of this organization, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 19 WO 2

EM 285 Aggr 306

b. Level 2: Off 18 WO 2

EM 256 Aggr 276

c. Level 3: Off 16 WO 2

EM 229 Aggr 247

Basis of allocation. One per infantry battalion, infantry division, or infantry battalion, separate infantry brigade (TOE 7-15).

Category. I.

Mobility. One hundred-percent mobile.

7-18G Rifle Co, Inf Bn, Inf Div Rifle Co, Inf Bn, Sep Inf Bde Rifle Co, USAMICOM, Air Transportable

Mission. To close with the enemy by means of fire and maneuver to destroy or capture him or to repel his assault by fire, close combat, and counterattack.

Assignment. Organic to—

a. Infantry battalion, infantry division (TOE 7-15).

b. Infantry battalion, separate infantry brigade (TOE 7-15).

c. U.S. Army missile command, air transportable (TOE 39-51).

Capabilities. a. At level 1, this unit—

(1) Provides a base of fire and maneuver.

(2) Seizes and holds terrain.

(3) Maneuvers in all types of terrain and under all climatic conditions.

(4) Capitalizes on all forms of mobility.

(5) Provides local security when organic to the U.S. Army missile command, air transportable.

b. This unit is not adaptable to a type B organization.

c. This unit depends on the HHC (TOE 7-16)

for the provision of mess facilities when centralized at battalion level.

Strength. a. Level 1: Off 6 EM 175

Aggr 181

b. Level 2: Off 6 EM 156

Aggr 162

c. Level 3: Off 5 EM 139

Aggr 144

Basis of allocation. a. Three per infantry battalion, infantry division (TOE 7-15).

b. Three per infantry battalion, separate infantry brigade (TOE 7-15).

c. One per U.S. Army missile command, air transportable (TOE 39-51).

Category. I.

Mobility. Fifteen-percent mobile.

7-19T Inf Davy Crockett Plat

Mission. To provide close-in nuclear fire support to maneuver battalions.

Assignment. To airmobile division (TOE 67) and airborne division (TOE 57) when close-in nuclear fires are required in support of airmobile and/or airborne operations. May be assigned to other tactical units of brigade size or larger to enhance nuclear fire support capabilities or to permit decentralization of control over nuclear fires to maneuver battalion level.

Capabilities. a. At level 1, this unit—

(1) Provides close-in nuclear fire support to maneuver battalions of a division.

(2) Provides three firing sections, each capable of providing close-in nuclear fire support for maneuver units of a brigade.

(3) Provides advice and assistance to supported unit in planning and employment of close-in nuclear fires.

(4) Provides personnel and equipment to assist the unit to which assigned or attached in administration, supply, mess, and maintenance.

b. This unit is not adaptable to a type B organization.

c. Physical and tactical security of the platoon and its materiel are responsibilities of the commander exercising operational control. All individuals of the platoon can participate in the defense of the unit's area or installation.

d. This unit depends on—

(1) The organization to which assigned or attached for personnel services, mess, maintenance, supply, and medical support.

(2) The supported unit for resupply of class V (nuclear).

e. When assigned to an airborne organization, personnel must be parachutist-qualified.

f. Equipment for airdrop operations must be provided by the unit to which attached.

Strength. a. Level 1: Off 4 EM 54

Aggr 58

b. Level 2: Off 4 EM 48

Aggr 52

c. Level 3: Off 4 EM 41

Aggr 45

Basis of allocation. a. One per airborne division (TOE 57) and airmobile division (TOE 67) when authorized by DA.

b. One platoon or section (plus) (one section with three squads) per brigade size or larger tactical unit when authorized by DA.

Category. I.

Mobility. One hundred-percent mobile in organic transportation; 100-percent mobile in medium transport aircraft.

7-35G Inf Bn, Abn Div Inf Bn, Sep Abn Bde

Mission. To close with the enemy by means of fire and maneuver to destroy or capture him or to repel his assault by fire, close combat, and counterattack.

Assignment. Organic to airborne division (TOE 57) and separate airborne brigade (TOE 57-100).

Capabilities. a. At level 1, this unit—

(1) Closes with the enemy by means of fire and maneuver to destroy or capture him.

(2) Repels enemy assault by fire, close combat, and counterattack.

(3) Provides base of fire and maneuver elements.

(4) Seizes and holds terrain.

(5) Conducts independent operations on a limited scale.

(6) Furnishes limited antitank protection.

(7) Provides indirect fire support for organic and attached units.

(8) Conducts long-range patrolling when appropriately equipped.

(9) Participates in air-transported (airmobile) operations when provided with sufficient transportation.

(10) Maneuvers in all types of terrain and under all climatic conditions.

(11) Can conduct airborne assaults by para-

chute or assault aircraft with minimum marshaling and planning procedures.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

d. This unit depends on the administration company (TOE 12-157) for personnel services.

Strength. a. Level 1: Off 36 WO 2

EM 771 Aggr 809

b. Level 2: Off 35 WO 2

EM 689 Aggr 726

c. Level 3: Off 30 WO 2

EM 617 Aggr 649

Basis of allocation. To airborne division and separate airborne brigade in conformance with mission requirements determined by DA and the theater commander.

Category. I.

Mobility. Thirty-percent mobile in organic transportation; 100-percent mobile in medium transport aircraft.

Components. a. One HHC (TOE 7-36G).

b. Three rifle companies (TOE 7-37G).

7-36G HHC, Inf Bn, Abn Div HHC, Inf Bn, Sep Abn Bde

Mission. To provide command, staff, administration, ground radar surveillance, heavy mortar, reconnaissance, antitank, communication, supply, maintenance, and medical support for the infantry battalion, airborne division or separate airborne brigade.

Assignment. Organic to infantry battalion, airborne division, or infantry battalion, separate airborne brigade (TOE 7-35).

Capabilities. a. At level 1, this unit provides —

(1) Command, control, staff planning, and supervision of operations of organic and attached elements of the infantry battalion.

(2) Ground radar surveillance and reconnaissance.

(3) Heavy mortar and limited antitank support.

(4) Administrative, supply, and organizational maintenance support.

(5) Centralized (battalion) or decentralized (company) messing, as required.

(6) Communication support.

(7) Medical service to include furnishing

emergency medical treatment and evacuation facilities, operating the battalion aid station, and supervising sanitation.

b. This unit is not adaptable to a type B organization.

c. This unit depends on the administration company (TOE 12-157 or TOE 12-167) for personnel services and on the brigade for chaplain functions.

d. Individuals of this organization, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 18 WO 2
EM 243 Aggr 263
b. Level 2: Off 17 WO 2
EM 218 Aggr 237
c. Level 3: Off 15 WO 2
EM 197 Aggr 214

Basis of allocation. One per infantry battalion, airborne division, or infantry battalion, separate airborne brigade (TOE 7-35).

Category. I.

Mobility. Sixty-percent mobile in organic transportation; 100-percent mobile in medium transport aircraft.

7-37G Rifle Co, Inf Bn, Abn Div Rifle Co, Inf Bn, Sep Abn Bde

Mission. To close with the enemy by means of fire and maneuver to destroy or capture him or to repel his assault by fire, close combat, and counterattack.

Assignment. Organic to infantry battalion, airborne division, or infantry battalion, separate airborne brigade (TOE 7-35).

Capabilities. a. At level 1, this unit—

- (1) Provides a base of fire and maneuver.
- (2) Closes with the enemy to destroy or capture him.
- (3) Repels enemy assault by fire, close combat, and counterattack.
- (4) Seizes and holds terrain.
- (5) Maneuvers in all types of terrain and under all climatic conditions.
- (6) Capitalizes on all forms of mobility.
- (7) Conducts airborne assault by parachute or assault aircraft.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

- (1) The HHC (TOE 7-36) for the provision of mess facilities when centralized at battalion level.

(2) The administration company (TOE 12-157 or TOE 12-167) for personnel services.

Strength. a. Level 1: Off 6 EM 176
Aggr 182
b. Level 2: Off 6 EM 157
Aggr 163
c. Level 3: Off 5 EM 140
Aggr 145

Basis of allocation. Three per infantry battalion, airborne division, or infantry battalion, separate airborne brigade (TOE 7-35).

Category. I.

Mobility. Ten-percent mobile in organic transportation; 100-percent air transportable in medium transport aircraft.

7-45G Inf Bn (Mech), Armd Div Inf Bn (Mech), Inf Div (Mech) Inf Bn (Mech), Sep Armd Bde Inf Bn (Mech), Sep Inf Bde Inf Bn (Mech), Sep Inf Bde (Mech)

Mission. To close with the enemy by means of fire and maneuver to destroy or capture him or to repel his assault by fire, close combat, and counterattack.

Assignment. Organic to—

- a. Armored division (TOE 17).
- b. Infantry division (mechanized) (TOE 37).
- c. Separate armored brigade (TOE 17-100).
- d. Separate infantry brigade (TOE 7-100).
- e. Separate infantry brigade (mechanized) (TOE 37-100).

Capabilities. a. At level 1, this unit provides

- (1) A base of fire and maneuver elements.
- (2) The means to seize and hold terrain.
- (3) The capability to conduct independent operations on a limited scale.
- (4) Limited antitank protection.
- (5) Indirect fire support for organic and attached units.
- (6) Long-range patrolling when properly equipped.
- (7) A high degree of cross-country mobility to exploit successfully the effects of nuclear and nonnuclear weapons.
- (8) A force that complements and enhances the inherent capabilities of tank elements when employed in tank/infantry teams.
- (9) A force that can participate in airmobile operations when provided with air transport.

b. This unit is not adaptable to a type B organization.

c. When this battalion is transferred or detached from the division or separate brigade, a personnel section from the personnel service division, AG section, administration company (TOE 12-37 or TOE 12-177), will be transferred with or attached to this battalion. This personnel section will be composed of those individuals who regularly maintain this battalion's records in the personnel service division.

d. Chaplain support is required from the brigade HQ for all operational environments.

e. This unit depends on the USAF to provide a FAC for directing tactical air support.

f. Individuals of this organization, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 37 WO 2
EM 885 Aggr 924
b. Level 2: Off 35 WO 2
EM 787 Aggr 824
c. Level 3: Off 29 WO 2
EM 705 Aggr 736

Basis of allocation. In conformance with mission requirements as determined by the theater commander and DA, to—

- a. Armored division (TOE 17).
- b. Infantry division (mechanized) (TOE 37).
- c. Separate armored brigade (TOE 17-100).
- d. Separate infantry brigade (TOE 7-100).
- e. Separate infantry brigade (mechanized) (TOE 37-100).

Category. I.

Mobility. One hundred-percent mobile in organic transportation.

Components. a. One HHC (TOE 7-46G).

b. Three rifle companies (TOE 7-47G).

**7-46G HHC, Inf Bn (Mech), Armd Div
HHC, Inf Bn (Mech), Inf Div (Mech)
HHC, Inf Bn (Mech), Sep Armd Bde
HHC, Inf Bn (Mech), Sep Inf Bde
HHC, Inf Bn (Mech), Sep Inf Bde
(Mech)**

Mission. To provide command, staff, administration, ground radar surveillance, mortar, reconnaissance, antitank, communication, supply, maintenance, and medical support for the infantry battalion (mechanized).

Assignment. Organic to infantry battalion

(mechanized), armored division, infantry division (mechanized), separate armored brigade, separate infantry brigade, or separate infantry brigade (mechanized) (TOE 7-45).

Capabilities. a. At level 1, this unit provides —

(1) Command, control, staff planning, and supervision of operations of organic and attached elements of the infantry battalion (mechanized).

(2) Ground radar surveillance and reconnaissance.

(3) Mortar and limited antitank support.

(4) Supply and organizational maintenance support.

(5) Centralized (battalion) or decentralized (company) messing, as required.

(6) Communication support.

(7) Unit medical service to the infantry battalion (mechanized).

b. This unit is not adaptable to a type B organization.

c. When this battalion is transferred or detached from the division or separate brigade, a personnel section from the personnel service division, AG section, administration company (TOE 12-37 or TOE 12-177), will be transferred with or attached to this battalion. This personnel section will be composed of those individuals who regularly maintain this battalion's records in the personnel service division.

d. Chaplain support is required from the brigade HQ for all operational environments.

e. This unit depends on the USAF to provide a FAC for directing tactical air support.

f. Individuals of this organization, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 19 WO 2
EM 300 Aggr 321
b. Level 2: Off 17 WO 2
EM 268 Aggr 287
c. Level 3: Off 14 WO 2
EM 240 Aggr 256

Basis of allocation. One per infantry battalion (mechanized), armored division, infantry division (mechanized), separate armored brigade, separate infantry brigade, or separate infantry brigade (mechanized) (TOE 7-45).

Category. I.

Mobility. One hundred-percent mobile in organic transportation.

7-47G Rifle Co, Inf Bn (Mech), Armd Div
Rifle Co, Inf Bn (Mech), Inf Div
(Mech)
Rifle Co, Inf Bn (Mech), Sep Armd
Bde
Rifle Co, Inf Bn (Mech), Sep Inf Bde
Rifle Co, Inf Bn (Mech), Sep Inf Bde
(Mech)

Mission. To close with the enemy by means of fire and maneuver to destroy or capture him or to repel his assault by fire, close combat, and counterattack.

Assignment. Organic to infantry battalion (mechanized), armored division, infantry division (mechanized), separate armored brigade, separate infantry brigade, or separate infantry brigade (mechanized) (TOE 7-45).

Capabilities. a. At level 1, this unit—

- (1) Closes with the enemy by means of fire and maneuver to destroy or capture him.
- (2) Repels enemy assault by fire, close combat, and counterattack.
- (3) Provides a base of fire and maneuver.
- (4) Seizes and holds terrain.
- (5) Maneuvers in all types of terrain and under all climatic conditions.
- (6) Capitalizes on all forms of mobility.

b. This unit is not adaptable to a type B organization.

c. This unit depends on the HHC (TOE 7-46) for the provision of mess facilities.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

- Strength.* a. Level 1: Off 6 EM 195
 Aggr 201
 b. Level 2: Off 6 EM 173
 Aggr 179
 c. Level 3: Off 5 EM 155
 Aggr 160

Basis of allocation. Three per infantry battalion (mechanized), armored division, infantry division (mechanized), separate armored brigade, separate infantry brigade, or separate infantry brigade (mechanized) (TOE 7-45).

Category. I.

Mobility. One hundred-percent mobile in organic transportation.

7-100G Sep Inf Bde

See chapter 28.

7-102G HHC, Sep Inf Bde

See chapter 28.

7-157G Inf LRP Co

Mission. To provide a long-range reconnaissance, surveillance, and target acquisition patrol capability to corps and field army.

Assignment. To each corps and field army in a theater of operations; may be apportioned to division or separate brigades, as required.

Capabilities. a. At level 1, this unit—

(1) Provides staff planning, supervision, training, coordination, and control of operations of subordinate platoons and patrols for reconnaissance-, surveillance-, and target acquisition-type operations in the corps or field army area of influence. Patrols may serve as a behind-enemy-lines ground component of the target acquisition or long-range survey system.

(2) Maintains continuous signal communications with patrols.

(3) Provides company-level administrative support.

(4) Participates in air-transported/airmobile operations when provided sufficient transportation.

(5) Maneuvers in all types of terrain and under all climatic conditions.

(6) Conducts airborne infiltrations with minimum marshaling and planning procedures.

(7) Provides all or part of the patrols of this organization in support of divisions, separate brigades, armored cavalry regiments, or other subordinate corps and field army units.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

d. This unit depends on—

(1) Other corps or field army units for higher echelon administrative support.

(2) The existing field army area communication system for additional communication support.

e. This unit has a limited capability for packing and maintaining parachutes authorized for air-delivered patrol operations.

- Strength.* a. Level 1: Off 8 EM 208
 Aggr 216
 b. Level 2: Off 8 EM 184
 Aggr 192
 c. Level 3: Off 8 EM 165
 Aggr 173

Basis of allocation. One per corps and one per field army in a theater of operations.

Category. I.

Mobility. For tactical movements, 89-percent mobile in organic vehicles and 100-percent mobile in aircraft. When the unit displaces, additional general-purpose transportation is required for 24 personnel and their equipment.

7-167G Inf Sct Dog Plat

Mission. To support infantry operations.

Assignment. To field army or separate corps. May be attached to division or separate brigade.

Capabilities. a. At level 1, this unit—

- (1) Supports infantry operations.
- (2) Provides counterinfiltration patrols in division rear areas.
- (3) Supports stability operations.

b. This unit is not adaptable to a type B organization.

c. This unit will be attached to, or depends on, other units for administration, mess, supply, and organizational maintenance.

d. Clear distinction should be made between this unit and a sentry dog unit. Training and employment of this unit emphasize secrecy and stealth. This unit is employed with a unit in direct contact with the enemy, largely at night. Use of dogs normally will be under conditions requiring absolute silence and a high degree of discipline and control. To use this unit in lieu of a sentry dog unit may compromise the capability of its dogs to perform their TOE functions.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

- Strength.* a. Level 1: Off 1 EM 27
Aggr 28
- b. Level 2: Off 1 EM 24
Aggr 25
- c. Level 3: Off 1 EM 21
Aggr 22

Basis of allocation. One per infantry division or as required in stability operations.

Category. I.

Mobility. One hundred-percent mobile in organic transportation.

7-168G Inf Pfdr Plat, Abn

Mission. To establish navigational assistance to and control of Army aircraft in areas designated by support unit commanders.

Assignment. To field army or separate corps.

Capabilities. a. At level 1, this unit—

(1) Conducts reconnaissance for and recommends drop zones or landing zones for Army aircraft in areas that have been selected by supported unit commanders.

(2) Moves to its area of operations by foot, surface vehicle, aircraft, or parachute.

(3) Prepares drop zones or landing zones to include marking with visual and electronic aids and removing minor obstacles.

(4) Assists in navigation and control of Army aircraft within its area of operations.

(5) Provides ground-to-ground and ground-to-air radio communications within its area of operations.

(6) Establishes and operates the following types and numbers of landing facilities:

(a) One fixed-wing landing zone with a maximum of two fixed-wing landing strips, or

(b) One helicopter landing zone with up to four helicopter landing sites, or

(c) Two drop zones.

(7) Separates into two independent teams and provides the above assistance, on a reduced basis, to two supported units operating over a wide area.

b. This TOE is not adaptable to reduced operational capabilities under levels 2 and 3.

c. This unit is not adaptable to a type B organization.

d. This unit will be attached to, or depends on, other units for administration, mess, supply, maintenance, and medical aid.

e. This unit may require radio equipment support from other sources when operating as two independent teams.

f. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. Off 2 EM 13 Aggr 15

Basis of allocation. One per nondivisional aviation battalion possessing a troop-lift capability.

Category. I.

Mobility. One hundred-percent mobile in organic vehicles; 100-percent air transportable in Army aircraft.

Remarks. See remarks, DPTOE 7-500G.

7-175G Inf Bn, Sep Lt Inf Bde

Mission. To close with the enemy by means of fire and maneuver to destroy or capture him or to

repel his assault by fire, close combat, and counterattack and to conduct stability operations in unsophisticated or semisophisticated environments.

Assignment. Organic to separate light infantry brigade (TOE 77-100).

Capabilities. a. At level 1, this unit—

(1) Closes with the enemy by means of fire and maneuver to capture or destroy him.

(2) Repels enemy assault by fire, close combat, and counterattack.

(3) Provides a base of fire and maneuver elements.

(4) Seizes and controls terrain for limited periods.

(5) Conducts independent operations on a limited scale.

(6) Provides communication, reconnaissance, indirect fire, limited antitank fire, air defense fire, and limited logistic support.

(7) Conducts long-range patrolling when properly equipped.

(8) Maneuvers in all types of terrain and under all climatic conditions.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) Higher HQ for airmobility and combat service support.

(2) The HHC, separate light infantry brigade (TOE 77-102), for chaplain support.

(3) The administration company, separate light infantry brigade (TOE 12-197), for personnel administration.

d. Individuals of this organization, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 38 WO 1

EM 773 Agr 812

b. Level 2: Off 37 WO 1

EMM 691 Aggr 729

c. Level 3: Off 37 WO 1

EM 612 Aggr 650

Basis of allocation. To separate light infantry brigade in conformance with mission requirements determined by the theater commander and DA.

Category. I.

Mobility. Ten-percent mobile in organic transportation; 100-percent air transportable in Army and/or USAF aircraft.

Components. a. One HHC (TOE 7-176G).

b. Three rifle companies (TOE 7-177G).

c. One combat support company (TOE 7-178G).

7-176G HHC, Inf Bn, Sep Lt Inf Bde

Mission. To provide command, staff supervision, communication, medical, and limited combat service support for the infantry battalion, separate light infantry brigade.

Assignment. Organic to infantry battalion, separate light infantry brigade (TOE 7-175).

Capabilities. a. At level 1, this unit—

(1) Provides command, control, staff planning, and supervision of operations of organic and attached elements of the infantry battalion, separate light infantry brigade.

(2) Provides limited combat service support for assigned and attached units.

(3) Provides communications to higher and subordinate HQ.

(4) Maneuvers in all types of terrain.

(5) Provides unit-level medical treatment and evacuation for assigned and attached units.

(6) Provides organizational maintenance support for the battalion.

(7) Provides centralized or decentralized mess facilities, as required, for assigned units of the battalion.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) Higher HQ for airmobility and combat service support.

(2) The HHC, separate light infantry brigade (TOE 77-102), for chaplain support.

(3) The administration company, separate light infantry brigade (TOE 12-197), for personnel administration.

d. When the battalion is transferred or detached from the separate brigade, a personnel section from the administration company will be attached.

e. Individuals of this organization, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 14 WO 1

EM 137 Aggr 152

b. Level 2: Off 13 WO 1

EM 123 Aggr 137

c. Level 3: Off 13 WO 1

EM 109 Aggr 123

Basis of allocation. One per infantry battalion, separate light infantry brigade (TOE 7-175).

Category. I.

Mobility. Forty-five-percent mobile in organic transportation; 100-percent air transportable in medium transport aircraft.

7-177G Rifle Co, Inf Bn, Sep Lt Inf Bde

Mission. To close with the enemy by means of fire and maneuver to destroy or capture him or to repel his assault by fire, close combat, and counterattack.

Assignment. Organic to infantry battalion, separate light infantry brigade (TOE 7-175).

Capabilities. a. At level 1, this unit—

(1) Closes with the enemy by means of fire and maneuver to destroy or capture him.

(2) Repels enemy assault by fire, close combat, and counterattack.

(3) Provides a base of fire and maneuver elements.

(4) Seizes and holds terrain.

(5) Maneuvers in all types of terrain and under all climatic conditions.

(6) Capitalizes on all forms of mobility.

(7) Conducts airmobile operations.

(8) Conducts long-range patrolling.

(9) Can perform organizational maintenance on organic equipment.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) The HHC (TOE 7-176) for the provision of mess facilities and ammunition resupply.

(2) Higher HQ for airmobility and combat service support.

(3) The administration company, separate light infantry brigade (TOE 12-197), for personnel administration.

Strength. a. Level 1: Off 6 EM 166
Aggr 172

b. Level 2: Off 6 EM 148
Aggr 154

c. Level 3: Off 6 EM 131
Aggr 137

Basis of allocation. Three per infantry battalion, separate light infantry brigade (TOE 7-175).

Category. I.

Mobility. Ten-percent mobile in organic transportation; 100-percent air transportable in medium transport aircraft.

7-178G Cbt Spt Co, Inf Bn, Sep Lt Inf Bde

Mission. To provide reconnaissance, indirect fire, antitank fire, and air defense fire support for the infantry battalion, separate light infantry brigade.

Assignment. Organic to infantry battalion, separate infantry brigade (TOE 7-175).

Capabilities. a. At level 1, this unit—

(1) Provides reconnaissance, indirect fire, direct fire, and air defense fire support.

(2) Maneuvers in all types of terrain and under all climatic conditions.

(3) Participates in airmobile operations, as required.

(4) Can perform organizational maintenance on organic equipment.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) The HHC (TOE 7-176) for the provision of mess facilities and ammunition resupply.

(2) Higher HQ for airmobility and combat service support.

(3) The administration company, separate light infantry brigade (TOE 12-197), for personnel administration.

Strength. a. Level 1: Off 6 EM 138
Aggr 144

b. Level 2: Off 6 EM 124
Aggr 130

c. Level 3: Off 6 EM 110
Aggr 116

Basis of allocation. One per infantry battalion, separate light infantry brigade (TOE 7-175).

Category. I.

Mobility. Seventy-percent mobile in organic transportation; 100-percent air transportable in medium transport aircraft.

7-500G (DPTOE) Inf Org, Pfdr, Abn

Mission. a. *Primary.* To provide navigational assistance to and control of Army aircraft in areas designated by the supported unit commanders.

b. *Secondary.* To provide limited advice and physical assistance to lifted units in planning airmobile operations and in preparing and positioning personnel and loads for air movement.

Assignment. When the aviation battalion possesses a helicopter troop-lift capability, to—

a. HHC, aviation battalion, airborne division (TOE 1-56).

b. HHC, aviation battalion, infantry division (TOE 1-76).

c. HHC, aviation battalion (TOE 1-256).

Capabilities. a. The capabilities of the units organized under this TOE will vary with the size and groupings of the teams used. Individual team capabilities are as indicated in the detailed breakdown of teams below.

b. These teams—

(1) Conduct reconnaissance for and select landing or drop zones for Army aircraft in areas that have been designated by supported unit commanders.

(2) Move to the area of operations by foot, water or surface vehicle, aircraft, or parachute.

(3) Prepare landing or drop zones to include establishing and operating visual and electronic navigational aids and removing minor obstacles.

(4) Furnish ground-to-air voice radio communications to aircraft and provide information, guidance, and air traffic control within the area of operations.

(5) Through direct coordination with collocated fire support units, provide advisory service to aviators concerning friendly mortar and artillery fires.

(6) Assist in the assembly of air-delivered troops, supplies, and equipment.

(7) Provide advice and limited physical assistance in preparing and positioning troops, supplies, and equipment for air movement.

(8) Conduct limited CBR monitoring or survey of designated areas.

(9) Provide limited weather observations to include wind velocity and direction, cloud cover, visibility, approximate ceiling, and density altitude.

(10) Operate, with mutual agreement, drop zones and airfields for USAF aircraft in the absence of USAF combat control teams.

c. This TOE is not adaptable to reduced operational capabilities under levels 2 and 3.

d. These teams are not adaptable to a type B organization.

e. All teams must be furnished administrative, mess, supply, maintenance and medical aid by the unit to which attached or assigned.

f. Individuals of these teams can assist the unit to which attached in the coordinated defense of their area or installation.

Strength. Strength figures under discussion at HQ, USACDC, at the time of preparation of this manual.

Basis of allocation. The allocation of units organized under the TOE will vary with the specific requirements. Allocations are as indicated in the detailed breakdown of teams below.

Category. I.

Mobility. See individual teams below for mobility.

Remarks. DPTOE 7-500G at HQ, USACDC, for review at the time of preparation of this manual. When published, TOE 7-500G will replace infantry pathfinder platoon, airborne (TOE 7-168G).

Detailed Breakdown of Teams Teams AA, AB, and FA

Team AA, section headquarters (airborne)

Capabilities. Provides administrative control and operational supervision for one or two pathfinder teams; provides additional ground mobility capability with organic transportation; can also function as primary liaison team.

Basis of allocation. One per one or two teams FA.

Mobility. One hundred-percent mobile in organic aircraft; 100-percent air transportable in Army aircraft.

Team AB, platoon headquarters (airborne)

Capabilities. a. Provides administrative control and operational supervision of three or more pathfinder teams. A typical platoon consisting of one team AB and three teams FA can provide pathfinder services to airlifted units supported by divisional or nondivisional aviation battalions having three aviation companies with a helicopter troop-lift capability.

b. When augmented by team AA, can use up to four additional teams FA and provide pathfinder services for airlifted units supported by nondivisional aviation battalions having from four to seven aviation companies with a helicopter troop-lift capability.

Basis of allocation. One per three or more teams FA.

Mobility. One hundred-percent mobile in organic aircraft; 100-percent air transportable in Army aircraft.

Team FA, pathfinder (airborne)

Capabilities. a. Provides pathfinder service to airlifted units supported by aviation units with a helicopter troop-lift capability.

b. Can establish and operate day or night controlled facilities for any one of the following:

- (1) One helicopter landing site of any type with one manned release point.
- (2) One fixed-wing airfield.

(3) One resupply or personnel drop zone.

(4) Two helicopter landing sites for limited periods.

Basis of allocation. One or more per team AA; three or more per team AB; or any combination thereof, as required.

Mobility. One hundred-percent mobile in organic aircraft; 100-percent air transportable in Army aircraft.



CHAPTER 6

MEDICAL UNITS

8-57G Med Holding Co

Mission. To provide medical holding facilities and limited medical treatment at patient transfer points such as airheads, railheads, and ports of embarkation.

Assignment. To field army medical brigade, theater army MEDCOM, or COSCOM type B medical group of independent corps.

Capabilities. a. At level 1, this unit can accommodate 300 patients in a single holding facility, providing necessary emergency treatment, supportive therapy, a continuation of established treatment, and nursing care. With mess team augmentation, this unit can operate as three separate platoons; each can accommodate 100 patients.

b. At level 2, this unit can accommodate 260 patients in a single holding facility. With mess team augmentation, this unit can operate as three separate platoons; two of the platoons can accommodate 100 patients and the third platoon can accommodate 60 patients.

c. At level 3, this unit can accommodate 200 patients in a single holding facility. With mess team augmentation, this unit can operate as two separate platoons; each platoon can accommodate 100 patients.

d. The capabilities of a type B organization are the same as those of a level 1 organization.

e. This unit depends on—

(1) The personnel service company (TOE 12-87) for personnel services.

(2) The finance direct support company (TOE 14-17) for finance services.

(3) The medical battalion (TOE 8-126), or adjacent unit, for organizational maintenance.

(4) Mess teams (TOE 29-500) for food service when operating as separate platoons.

Strength. a. Level 1: Off 8 EM 83

Aggr 91

b. Level 2: Off 8 EM 77

Aggr 85

c. Level 3: Off 6 EM 60

Aggr 66

d. Type B: Off 8 EM 55

Aggr 63

Basis of allocation. To field army on the basis of one per corps supported and to COMMZ on the basis of one per corps supported.

Category. II.

Mobility. Fifty-percent mobile.

8-111T HHC, MEDCOM

Mission. To provide command and control of designated medical units within the COMMZ.

Assignment. To TASCOR or theater army.

Capabilities. a. At level 1, this unit provides

(1) Command, control, staff planning, and supervision of operations, training, and administration of from three to seven hospital centers or an equivalent mix of hospital centers and medical groups engaged in providing COMMZ-level medical service.

(2) Medical regulation function.

(3) Professional specialty consultation service.

(4) Policy and guidance for management of medical materiel and medical equipment maintenance.

(5) Medical staff services to include—

(a) Keeping the TASCOR commander and his staff informed on the health of the command and on medical aspects of matters affecting combat service support.

(b) Providing current information concerning the medical aspects of the combat service support situation to the surgeons of higher HQ.

(c) Coordinating medical service operations of the COMMZ.

(d) Advising the commanders of the TASCOR PERSCOM, SMCOR, TRANSCOR, ENCOM, and ASCOM on medical matters.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) The area support group for daily administrative motor transport services.

(2) The automatic data processing unit (TOE 29-540) (normally supports the PERSCOM) for automatic data processing services.

(3) The personnel service company (TOE 12-67) for personnel administrative services.

(4) The finance direct support detachment (TOE 14-17) for finance direct support.

(5) The aviation service support company (TOE 1-407) for air transport required for command, control, and liaison activities of the unit.

(6) The communication center operating platoon (TOE 11-137) or appropriate teams from the signal service organization (TOE 11-500) for internal communication support.

d. Fifty percent of the male personnel of this unit (less chaplain and female personnel) are provided weapons for personal defense.

Strength. a. Level 1: Off 71 WO 3

EM 155 Aggr 229

b. Level 2: Off 65 WO 3

EM 131 Aggr 199

c. Level 3: Off 56 WO 3

EM 113 Aggr 172

Basis of allocation. One per TASCOR.

Category. III.

Mobility. Twenty-percent mobile.

8-112G HHD, Med Bde

Mission. a. To provide army-level medical support within a field army.

b. To command all nondivisional medical units in the field army.

Assignment. To FASCOM.

Capabilities. a. At level 1, this unit provides

(1) Command, control, staff planning, and supervision of operations, training, and administration of from three to seven medical groups or their equivalent in attached units engaged in providing field army-level medical service.

(2) Special staff services to include—

(a) Keeping the FASCOM commander and his staff informed on the health of the command and on the medical aspects of matters affecting combat service support to the army.

(b) Advising the FASCOM commander and his staff on all medical professional and technical matters.

(c) Developing, preparing, and coordinating the medical portion of FASCOM plans and policies.

(d) Providing current information concerning the medical aspects of the combat service support situation to the surgeons of higher HQ.

(e) Coordinating medical service operations of the field army.

(f) Field army medical regulation.

(g) Field army medical supply.

b. This unit is not adaptable to a type B organization.

c. This unit depends on one of its subordinate battalion HQ units for maintenance support.

d. This unit depends on an AG personnel service unit for administrative support.

e. Fifty percent of the male personnel of this unit (less chaplain) are provided weapons for personal defense.

Strength. a. Level 1: Off 20 EM 51

Aggr 71

b. Level 2: Off 20 EM 44

Aggr 64

c. Level 3: Off 20 EM 37

Aggr 57

Basis of allocation. One per FASCOM.

Category. II.

Mobility. Eighty-percent mobile.

8-122G HHD, Med Gp

Mission. a. Type A. To provide command, control, and administrative supervision of attached medical units.

b. Type B. To provide command, control, and administrative supervision of attached medical units and medical special staff support to COSCOM.

Assignment. a. Type A. To field army medical brigade or theater army MEDCOM.

b. Type B. To COSCOM of independent corps.

Capabilities. a. Under level 1, these units have the capabilities indicated below.

(1) When organized as a type A organization, provides command, control, staff planning, and supervision of operations, training, and administration of from three to seven nondivisional medical battalions or their equivalent; limited administrative support for attached units; and staff advice to a HQ providing combat service support to an army corps or comparable force.

(2) When organized as a type B organization, provides command, control, staff planning, and supervision of operations, training, and administration of from three to seven nondivisional medical battalions or their equivalent; limited administrative support for attached units; and medical special staff support, advice, and guidance to a COSCOM providing combat service support to an independent corps or its equivalent.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) Subordinate or adjacent units or on teams from TOE 29-500 for messing. Authorized mess personnel are provided the supporting mess facility.

(2) Subordinate or adjacent units or on teams from TOE 29-500 and TOE 29-600 series for organizational maintenance. Authorized maintenance personnel are provided the supporting maintenance facility.

(3) Team AI (TOE 8-500) for staff supervision of attached dental units.

(4) Team AF (TOE 8-500) for staff supervision of attached veterinary units.

(5) An AG personnel service unit for personnel services.

d. Fifty percent of the male personnel of this unit are provided weapons for personal defense.

Strength. a. Level 1: Type A: Off 7

WO 1 EM 29 Aggr 37
Type B: Off 13

WO 1 EM 36 Aggr 50
b. Level 2: Type A: Off 7

WO 1 EM 25 Aggr 33
Type B: Off 13

WO 1 EM 31 Aggr 45
c. Level 3: Type A: Off 7

WO 1 EM 21 Aggr 29
Type B: Off 13

WO 1 EM 26 Aggr 40

Basis of allocation. a. Type A. To field army on the basis of two per corps supported, one per independent corps, and four per COMMZ in support of each field army.

b. Type B. One per COSCOM in support of independent corps.

Category. II.

Mobility. a. Type A. Sixty-five-percent mobile in organic transportation.

b. Type B. Fifty-percent mobile in organic transportation.

8-123T Cbt Spt Hosp

Mission. To provide primary hospitalization to all categories of patients generated in the supported force.

Assignment. To field army, independent corps, or task force. Normally attached to HHD, medical group (TOE 8-122).

Capabilities. a. At full strength, this unit provides the following for 100 medical and 100 surgical patients:

(1) Emergency and supportive treatment for all patients.

(2) Definitive treatment for patients who need not be evacuated from the combat area.

(3) Preparation of patients for evacuation to definitive treatment facilities located out of the combat area.

(4) Initial diagnosis and temporary treatment of psychiatric patients awaiting evacuation.

(5) Temporary holding facility while unit displaces to a new location.

b. At reduced strength, this unit operates a hospital facility as stated in *a* above for 60 medical and 60 surgical patients.

c. When 100-bed augmentation is authorized, this unit operates a hospital facility as stated in *a* above for 150 medical and 150 surgical patients. (Off 5 ANC 10 EM 29 Aggr 44)

d. This unit is not adaptable to a type B organization.

e. This unit requires area-type laundry support.

f. Except when personnel service augmentation is authorized, the unit depends on an AG personnel service company for such support. (EM 2)

Strength. a. Full: Off 29 ANC 31
WO 1 EM 154 Aggr 215
b. Reduced: Off 24 ANC 19
WO 1 EM 127 Aggr 171

Basis of allocation. One per separate brigade or task force, as required.

Category. II.

Mobility. One hundred-percent mobile; 100-percent air transportable in cargo-carrying fixed-wing aircraft.

8-126G HHD, Med Bn

Mission. To provide command, control, and planning for a medical battalion (nondivisional) to include supply and organizational maintenance support.

Assignment. To field army, TASCOM, or independent corps. Normally attached to HHD, medical group (TOE 8-122).

Capabilities. a. At level 1, this unit provides

(1) Command, administration, and control of from three to seven nondivisional medical companies.

(2) Battalion-level organizational maintenance to attached units, when augmented through attachment of mechanics authorized in component TOE.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) One of its subordinate units for mess facilities.

(2) An AG personnel service unit for personnel services.

d. Fifty percent of the individuals of this unit are provided weapons for personal defense and for protection of the sick and wounded in their charge.

Strength. a. Level 1: Off 7 EM 32
Aggr 39

b. Level 2: Off 7 EM 28
Aggr 35

c. Level 3: Off 7 EM 24
Aggr 31

Basis of allocation. One per three to seven medical companies or equivalent units.

Category. II.

Mobility. Sixty-five-percent mobile in organic transportation; 100-percent mobile in air transport.

8-127G Med Amb Co

Mission. To provide ground ambulance evacuation of patients.

Assignment. To field army, TASCOM, or independent corps. Normally attached to HHD, medical battalion (TOE 8-126).

Capabilities. a. At level 1, this unit has a single-lift capability for evacuating 144 litter patients or 288 ambulatory patients. When bus ambulances are authorized in lieu of $\frac{3}{4}$ -ton ambulances to perform mass evacuation missions

in the COMMZ, the single-lift capability is increased by approximately 125 percent at each level.

b. At level 2, this unit has a single-lift capability for evacuating 132 litter patients or 264 ambulatory patients. When bus ambulances are authorized in lieu of $\frac{3}{4}$ -ton ambulances, the single-lift capability remains as stated for level 1.

c. At level 3, this unit has a single-lift capability for evacuating 120 litter patients or 240 ambulatory patients. When bus ambulances are authorized in lieu of $\frac{3}{4}$ -ton ambulances, the single-lift capability remains as stated for level 1.

d. The capabilities of a type B organization are the same as those of a level 1 organization.

e. This unit depends on an AG personnel service unit for personnel services.

f. Fifty percent of the individuals of this unit are provided weapons for personal defense and for protection of the sick and wounded in their charge.

Strength. a. Level 1: Off 4 EM 98
Aggr 102

b. Level 2: Off 4 EM 89
Aggr 93

c. Level 3: Off 4 EM 79
Aggr 83

d. Type B: Off 4 EM 60
Aggr 64

Basis of allocation. One per division supported or its equivalent in separate combat brigades/armored cavalry regiments, plus one per corps supported, and to COMMZ based on two corps supported.

Category. II.

Mobility. One hundred-percent mobile in organic transportation; 100-percent mobile by air transport.

8-128G Med Clr Co

Mission. a. To receive, sort, and provide emergency or resuscitative treatment for patients until evacuated.

b. To provide definitive treatment for patients with minor illnesses, wounds, or injuries.

Assignment. To field army, TASCOM, or independent corps. Normally attached to HHD, medical battalion (TOE 8-126).

Capabilities. a. At level 1, this unit—

(1) Provides a single clearing facility with a capacity of 240 patients.

(2) Augments division clearing elements.

(3) Expands the capabilities of hospital units.

(4) Can be used as a convalescent or holding facility.

(5) Under extreme conditions, and for a limited time, can care for about 120 additional patients.

(6) Can provide, as a secondary mission, limited unit-level medical service on an area basis.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. At level 1, when augmented with three CB mess teams from TOE 29-500, this unit can simultaneously operate one 80-bed facility and one 160-bed facility at separate locations. When augmented with one CA team and three CB teams, it can simultaneously operate three 80-bed facilities at separate locations.

d. When augmented by MTOE or TOE 8-500 teams with Army Medical Service professional officer and technical personnel, this unit can operate from one to three small specialized medical treatment facilities. An appropriate number of mess teams as stipulated in *c* above will be required.

e. This unit depends on an AG personnel service unit for personnel services.

f. Fifty percent of the individuals, except chaplain, of this unit are provided weapons for personal defense and for protection of the sick and wounded in their charge.

Strength. a. Level 1: Off 13 EM 117

Aggr 130

b. Level 2: Off 13 EM 104

Aggr 117

c. Level 3: Off 13 EM 91

Aggr 104

d. Type B: Off 13 EM 91

Aggr 104

Basis of allocation. Four per corps, three per field army, and as required in COMMZ.

Category. II.

Mobility. Eighty-percent mobile in organic transportation; 100-percent mobile by air transport.

8-129G Med Coll Co

Mission. To provide litter bearer support in the theater of operations, as required.

Assignment. To field army medical brigade, theater army MEDCOM, or COSCOM type B medical group of independent corps. Normally attached to HHD, medical battalion (TOE 8-126).

Capabilities. a. At level 1, this unit provides four litter bearer platoons of 10 four-man litter squads each to support and supplement medical units in the field and litter bearer augmentation to divisions and to nondivisional installations in the army service area and the COMMZ.

b. At level 2, this unit provides four litter bearer platoons of nine four-man litter squads each to support and supplement medical units in the field and litter bearer augmentation to divisions and to nondivisional installations in the army service area and the COMMZ.

c. At level 3, this unit provides three litter bearer platoons of 10 four-man litter squads each to support and supplement medical units in the field and litter bearer augmentation to divisions and to nondivisional installations in the army service area and the COMMZ.

d. The capabilities of a type B organization are the same as those of a level 1 organization.

e. This unit depends on—

(1) An AG personnel service unit for personnel services.

(2) The medical battalion (TOE 8-126) or adjacent unit for organizational maintenance.

f. Fifty percent of the individuals of this unit are provided weapons for personal defense and for protection of the sick and wounded in their charge.

Strength. a. Level 1: Off 5 EM 186

Aggr 191

b. Level 2: Off 5 EM 169

Aggr 174

c. Level 3: Off 4 EM 143

Aggr 147

d. Type B: Off 5 EM 65

Aggr 70

Basis of allocation. To field army on the basis of one per corps supported and to COMMZ on the basis of one per corps supported.

Category. II.

Mobility. Thirty-percent mobile in organic transportation.

8-137G Med Air Amb Co

Mission. a. To provide aeromedical evacuation of selected patients.

b. To provide emergency movement of medical personnel and accompanying equipment and supplies to meet a critical requirement.

c. To insure uninterrupted delivery of whole

blood, biologicals, and medical supplies when there is a critical requirement.

Assignment. To field army, independent corps, or task force, as required.

Capabilities. a. At level 1, this unit provides

(1) Aeromedical evacuation of critically wounded or otherwise nontransportable casualties to the nearest medical unit that can provide required surgical and medical treatment.

(2) Pickup of casualties from units in direct support of combat troops except from an airhead or airborne force objective area that is logistically supported by the USAF.

(3) Augmentation of ground evacuation units when vehicular evacuation is not feasible or is insufficient.

(4) Expeditious delivery of medical personnel and materiel to meet emergency treatment requirements within the combat zone.

b. This unit is not adaptable to a type B organization.

c. This unit depends on the personnel service company (TOE 12-67) for personnel services. When personnel services are not otherwise provided, an organic capability will be included in an MTOE under the provisions of AR 310-31.

d. Individuals of this unit are provided weapons for personal defense and for protection of the sick and wounded in their charge.

Strength. a. Level 1: Off 15 WO 37
EM 150 Aggr 202
b. Level 2: Off 15 WO 37
EM 132 Aggr 184
c. Level 3: Off 15 WO 29
EM 116 Aggr 160

Basis of allocation. One per corps per field army and one per independent corps or task force, as required.

Category. II.

Mobility. One hundred-percent mobile.

8-147G Med Co, Sep Armd Bde
Med Co, Sep Inf Bde
Med Co, Sep Inf Bde (Mech)
Med Co, Armd Cav Regt

Mission. To provide division-level medical service within a separate brigade or armored cavalry regiment and unit-level medical service, as required, on an area basis to units operating in the separate brigade or regimental area.

Assignment. a. Organic to support battalion, separate armored or infantry (mechanized) brigade (TOE 29-75), or support battalion, separate infantry brigade (TOE 29-135).

b. May be assigned or attached to the armored cavalry regiment (TOE 17-51) for independent operation.

Capabilities. a. At level 1, this unit—

(1) Provides command and medical record administration for the medical company.

(2) Receives, sorts, and temporarily provides medical and surgical treatment for 120 patients. For a limited period, under extreme conditions, this unit can provide emergency treatment for a total of 180 patients.

(3) Provides emergency dental treatment.

(4) Evacuates patients from unit aid stations.

(5) Manages psychiatric problems.

(6) Furnishes unit-level medical service on an area basis, as required.

(7) Provides intrabrigade or intraregimental transport of medical supplies and equipment.

(8) Provides medical supply support and performs organizational medical equipment maintenance for units organic or attached to the brigade or regiment.

b. This unit is not adaptable to a type B organization.

c. Limitation. Clearing station and evacuation elements must be augmented when the company is required to support more than five combat battalions.

d. All personnel are provided weapons for personal defense and protection of the sick and wounded in their charge.

Strength. a. Level 1: Off 10 EM 122
Aggr 132
b. Level 2: Off 10 EM 108
Aggr 118
c. Level 3: Off 10 EM 95
Aggr 105

Basis of allocation. One per—

a. Support battalion, separate armored or infantry (mechanized) brigade (TOE 29-75).

b. Support battalion, separate infantry brigade (TOE 29-135).

c. One per armored cavalry regiment (TOE 17-51) to be supported.

Category. II.

Mobility. One hundred-percent mobile in organic transportation; 100-percent mobile by air transport.

8-167G Med Co, Sep Abn Bde

Mission. To provide medical service within a separate brigade and unit-level medical service, as required, on an area basis to units operating in the separate brigade area.

Assignment. Organic to support battalion, separate airborne brigade (TOE 29-105).

Capabilities. a. At level 1, this unit—

(1) Provides command and medical record administration for the medical company.

(2) Receives, sorts, and temporarily provides medical and surgical treatment for 80 patients. For a limited period, under extreme conditions, this unit can provide emergency treatment for a total of 120 patients.

(3) Provides emergency dental treatment.

(4) Evacuates patients from unit aid stations.

(5) Manages psychiatric problems.

(6) Furnishes unit-level medical service on an area basis to units with no organic medical elements.

(7) Provides intrabrigade transport of medical supplies and equipment.

(8) Provides organizational medical equipment maintenance support for units organic or attached to the brigade.

b. This unit is not adaptable to a type B organization.

c. Limitation. Clearing station and evacuation elements must be augmented by an MTOE under the provisions of AR 310-31 when the company is required to support more than four combat battalions.

d. All personnel are provided weapons for personal defense and for protection of the sick and wounded in their charge.

e. This unit depends on the administration company (TOE 12-167) for personnel services.

Strength. a. Level 1: Off 9 EM 74
Aggr 83

b. Level 2: Off 9 EM 66
Aggr 75

c. Level 3: Off 9 EM 57
Aggr 66

Basis of allocation. One per support battalion, separate airborne brigade (TOE 29-105).

Category. II.

Mobility. Eighty-percent mobile in organic transportation; 100-percent mobile by air transport.

8-187G Med Dep

Mission. To furnish medical depot support within a theater of operations.

Assignment. To TASCOM MEDCOM.

Capabilities. a. At level 1, with augmentation of labor personnel, this unit can provide general and direct medical supply support to a maximum of 350,000 troops in a theater of operations to include—

(1) Receipt, classification, storage, and issue of 50 short tons of medical supplies daily.

(2) Direct and general support maintenance of medical equipment of using organizations in the COMMZ and backup general support maintenance to the army medical depot (TOE 8-667).

(3) Optical laboratory service.

(4) Distribution of whole blood to hospitals in the COMMZ.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. This unit depends on—

(1) Augmentation of approximately 250 labor personnel from local sources when the maximum depot capacity of 50 short tons is processed.

(2) A personnel service company (TOE 12-67) for personnel administrative services.

(3) A finance service organization (TOE 14-500) for finance services.

(4) Area transportation units for supplemental transportation.

d. Fifty percent of the individuals of this unit are provided weapons for personal defense.

Strength. a. Level 1: Off 10 WO 1
EM 147 Aggr 158

b. Level 2: Off 10 WO 1
EM 135 Aggr 146

c. Level 3: Off 10 WO 1
EM 119 Aggr 130

d. Type B: Off 10 WO 1
EM 90 Aggr 101

Basis of allocation. To the COMMZ on the basis of two per field army supported.

Category. III.

Mobility. Fixed.

8-197G Med Co, Sep Lt Inf Bde

Mission. To provide division-level medical service within a separate brigade and unit-level medical service, as required, on an area basis to units operating in the separate brigade area.

Assignment. Organic to support battalion, separate light infantry brigade (TOE 29-245).

Capabilities. a. At level 1, this unit—

(1) Provides command and medical record administration for the medical company.

(2) Receives, sorts, and temporarily provides medical and surgical treatment for 80 patients. For a limited period, under extreme conditions, this unit can provide emergency treatment for a total of 120 patients.

(3) Provides emergency dental treatment.

(4) Evacuates patients from unit aid stations.

(5) Manages psychiatric problems.

(6) Furnishes unit-level medical service on an area basis to units with no organic medical elements.

(7) Provides intrabrigade transport of medical supplies and equipment.

(8) Provides medical supply support and performs organizational medical equipment maintenance for units organic or attached to the brigade.

(9) Performs organizational maintenance on organic equipment.

b. This unit is not adaptable to a type B organization.

c. Individuals of this unit are provided weapons for personal defense and for protection of sick and wounded in their charge.

d. Clearing station and evacuation elements must be augmented by an MTOE under the provisions of AR 310-31 when the company is required to support more than four combat battalions.

e. This unit depends on the administration company (TOE 12-197) for personnel services and the maintenance and supply company (TOE 29-247) for battalion-level organizational maintenance.

Strength. a. Level 1: Off 9 EM 72
Aggr 81

b. Level 2: Off 9 EM 64
Aggr 73

c. Level 3: Off 9 EM 56
Aggr 65

Basis of allocation. One per support battalion, separate light infantry brigade (TOE 29-245).

Category. II.

Mobility. Eighty-percent mobile in organic transportation; 100-percent air transportable in medium transport aircraft.

8-204G PVNTMED Svc Unit, Fld

Mission. To provide professional consultation services, support, and training in the fields of medical epidemiology and medical zoology, sanitary engineering, and veterinary aspects of zoonotic and foodborne disease control that the beyond the routine responsibilities and capabilities of the commander and his organic medical personnel.

Assignment. To medical brigade of field army or MEDCOM of TASCOT.

Capabilities. a. At level 1, this unit provides —

(1) Epidemiological investigation and evaluation of conditions affecting the health of humans and animals.

(2) Field surveys, investigations, and evaluation of significantly environmental health factors.

(3) Collection, computation, and evaluation of medical, veterinary, and sanitary data in the area of operations.

(4) Planning and application of measures for prevention and control of diseases and injuries.

(5) Investigation and evaluation of militarily significant disease reservoirs in the civilian population and indigenous animals.

(6) Planning and supervision of health education programs to include basic sanitation, personal health, and field sanitation team training.

(7) Screening health protection surveys of industrial operations, including medical X-ray facilities.

(8) Control of militarily significant disease reservoirs in the civilian population and indigenous animals.

(9) Organizational maintenance for its organic equipment.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. This unit depends on an AG personnel service unit for personnel services.

Strength. a. Level 1: Off 14 EM 110
Aggr 124

b. Level 2: Off 14 EM 101
Aggr 115

c. Level 3: Off 14 EM 91
Aggr 105

d. Type B: Off 14 EM 65
Aggr 79

Basis of allocation. One per field army and one per COMZ in support of a field army.

Category. II.

Mobility. One hundred-percent mobile in organic transportation; 100-percent mobile by air transport.

8-500G Med Svc Org

Mission. a. To perform medical service functions where units of less than company size are required.

b. To increase the capabilities of fixed-strength units where increments of less than company size are needed. These teams are designed to provide organizations that differ in size and composition depending on the tactical, logistic, and professional considerations involved.

c. To provide command and administrative personnel for medical composite units.

Assignment. Unless specifically limited by capabilities, elements of this TOE may be assigned to a medical brigade, TASCOC, independent corps, task force, or special action force.

Capabilities. a. At level 1, the capabilities of the units organized under this TOE will vary with the size and groupings of the teams used. Individual team capabilities are as indicated in the detailed breakdown of teams below.

b. These teams are not adaptable to a type B organization.

c. Unless specifically provided for in the basic organization, these teams must be furnished mess, administrative, personnel, and motor maintenance services. When applicable, mess and automotive maintenance will be drawn from TOE 29-500 and TOE 29-600, and personnel services will be provided by an AG personnel service unit or a support team drawn therefrom.

d. Unless otherwise indicated, individual arms are provided for 50 percent of male personnel of each team for personal defense and for protection of the sick and wounded in their charge when authorized by USCONARC, ARADCOM, or TOC.

e. Personnel of these teams may be parachute-qualified when a team is assigned, attached, or designated for assignment or attachment to an airborne force, special action force, or joint unconventional warfare task force, when authorized by DA.

Strength. See individual teams below for strengths.

Basis of allocation. As indicated in the detailed breakdown of teams below, unless operational or environmental conditions require otherwise.

Category. The category of each team will depend on the category of the unit to which assigned or other varying conditions under which the teams may operate.

Mobility. See individual teams below for mobility.

Detailed Breakdown of Teams

Part 1—Administrative and Service Teams

Teams AC and AE—AJ

Team AC, company headquarters

Capabilities. Commands and controls two or more medical detachments or equivalent troop strength except that the strength of the company normally will not be less than 75 nor more than 150 individuals.

Strength. a. Level 1: Off 2 EM 6

Aggr 8

b. Level 2: Off 2 EM 5

Aggr 7

c. Level 3: Off 2 EM 4

Aggr 6

Basis of allocation. One per two or more medical detachments or equivalent troop strengths not otherwise provided command and control.

Mobility. One hundred-percent mobile.

Team AE, headquarters unit receiving center

Capabilities. Provides administrative support with attachment of service detachments, such as quartermaster, ordnance, postal, finance, engineer, AG, and military police elements, for administration and control of nondivisional medical units withdrawn for reorganization or those arriving from zone of interior and awaiting assignment to sites where the missions of the units will be performed. This unit is staffed and equipped for employment in the COMMZ.

Strength. a. Level 1: Off 4 EM 9

Aggr 13

b. Level 2: Off 4 EM 8

Aggr 12

c. Level 3: Off 4 EM 7

Aggr 11

Basis of allocation. To TASCOC on the basis of one per port designated to receive medical troops, but allocated only to theaters of 500,000 population or larger.

Mobility. One hundred-percent mobile.

Team AF, headquarters, veterinary professional service

Capabilities. Commands and controls from three to seven veterinary treatment facilities or

veterinary service detachments, or combinations thereof. Is not adaptable to organization and equipment levels 2 and 3.

Strength. Off 1 EM 3 Aggr 4

Basis of allocation. One per field army and to TASCOM on the basis of one per field army supported.

Mobility. One hundred-percent mobile.

Team AG, headquarters, medical professional service

Capabilities. Administratively controls up to 24 professional service teams.

Strength. a. Level 1: Off 5 EM 10
Aggr 15

b. Level 2: Off 5 EM 8
Aggr 13

c. Level 3: Off 5 EM 7
Aggr 12

Basis of allocation. To field army on the basis of one per eight evacuation hospitals allocated, plus to TASCOM on the basis of one per 30,000 fixed beds required.

Mobility. Forty-five-percent mobile.

Team AH, headquarters, hospital center

Capabilities. Commands and controls from two to eight general hospitals or their equivalent in a combination of general hospitals and other medical service units. This unit is staffed and equipped for employment in the COMMZ.

Strength. a. Level 1: Off 13 EM 29
Aggr 42

b. Level 2: Off 13 EM 25
Aggr 38

c. Level 3: Off 13 EM 21
Aggr 34

Basis of allocation. To TASCOM on the basis of one per 10,000 fixed beds required.

Mobility. Twenty-five-percent mobile.

Team AI, headquarters, dental professional service

Capabilities. Commands and controls from six to 12 dental service detachments. Is not adaptable to organization and equipment levels 2 and 3.

Strength. Off 2 EM 2 Aggr 4

Basis of allocation. To field army and TASCOM to provide command and control of a maximum of 12 dental professional teams.

Mobility. Seventy-percent mobile.

Team AJ, blood bank service headquarters

Capabilities. Commands and provides personnel administrative support for a group of blood bank service detachments.

Strength. a. Level 1: Off 2 EM 6
Aggr 8

b. Level 2: Off 2 EM 5
Aggr 7

c. Level 3: Off 2 EM 4
Aggr 6

Basis of allocation. To TASCOM on the basis of one per 10 detachments or major fraction thereof to be supervised.

Mobility. Fixed.

Part 2—Medical Supply, Optical and Medical Equipment Maintenance Teams FB, FC, and GA—GD

Team FB, medical supply detachment

Capabilities. Provides medical supply support to medical facilities that service a force of 20,000. When augmented with appropriate maintenance and optical teams, provides depot-type support. May operate as a separate detachment or as an augmentation team with fixed-strength medical service units.

Strength. a. Level 1: Off 1 EM 17
Aggr 18

b. Level 2: Off 1 EM 15
Aggr 16

c. Level 3: Off 1 EM 13
Aggr 14

Basis of allocation. To field army on the basis of one per division not supported by a depot. To TASCOM on the basis of one per additional 20,000 troops in COMMZ not supported by a depot.

Mobility. One hundred-percent mobile.

Team FC, medical supply detachment

Capabilities. Provides medical supply support to medical facilities that service a force of 50,000. When augmented with appropriate maintenance and optical teams, provides depot-type support. May operate as a separate detachment or as an augmentation team with fixed-strength medical service units.

Strength. a. Level 1: Off 2 EM 31
Aggr 33

b. Level 2: Off 2 EM 28
Aggr 30

c. Level 3: Off 2 EM 24
Aggr 26

Basis of allocation. To field army on the basis of one per additional corps not supported by a depot or team FB; to TASCOM on the basis of one per additional 50,000 troops in COMMZ not supported by a depot or team FB.

Mobility. One hundred-percent mobile.

Team GA, optical detachment

Capabilities. Provides presurfaced single-vision and special-type spectacle prescription (excluding multifocals), fabrication, and repair services for a force of 75,000. Is not adaptable to organization and equipment levels 2 and 3.

Strength. Off 1 EM 6 Aggr 7

Basis of allocation. To field army on the basis of one per additional corps not supported by a depot or team GB; to TASCOT on the basis of one per additional 75,000 troops in COMMZ not supported by a depot.

Mobility. One hundred-percent mobile.

Team GB, optical detachment augmentation

Capabilities. Provides presurfaced single-vision spectacle prescription, fabrication, and repair services for a force of 10,000. Normally augments an optical unit or element that can provide special-type prescription (excluding multifocals), fabrication, and repair services. Is not adaptable to organization and equipment levels 2 and 3.

Strength. EM 2

Basis of allocation. One per independent task force of division size or smaller; to field army on the basis of one per additional division not supported by a depot or team GA.

Mobility. One hundred-percent mobile.

Team GC, medical equipment maintenance detachment

Capabilities. Provides direct medical equipment maintenance support for medical facilities that support a force of 50,000. Is not adaptable to organization and equipment levels 2 and 3.

Strength. WO 1 EM 5 Aggr 6

Basis of allocation. To field army on the basis of one per additional corps not supported by a depot or team GD; to TASCOT on the basis of one per additional 50,000 troops in COMMZ not supported by a depot or team GD.

Mobility. One hundred-percent mobile.

Team GD, medical equipment maintenance detachment

Capabilities. Provides direct medical equipment maintenance support for medical facilities that support a force of 100,000.

Strength. a. Level 1: WO 1 EM 9
Aggr 10
b. Level 2: WO 1 EM 7
Aggr 8
c. Level 3: WO 1 EM 6
Aggr 7

Basis of allocation. To field army on the basis of one per independent corps task force not supported by a depot; to TASCOT on the basis of one per additional 100,000 troops in COMMZ not supported by a depot.

Mobility. One hundred-percent mobile.

**Part 3—Veterinary and Food Inspection Service
Teams IA, IB, ID, IE, JA, and JB**

Team IA, veterinary large-animal hospital detachment

Capabilities. Provides hospitalization for large animals (horses and mules) requiring medical and surgical treatment. Patient capacity is approximately 30 animals.

Strength. a. Level 1: Off 1 EM 17
Aggr 18
b. Level 2: Off 1 EM 15
Aggr 16
c. Level 3: Off 1 EM 14
Aggr 15

Basis of allocation. To field army on the basis of one per 600 horses or mules to be supported, plus to TASCOT on the basis of one per port designated for receiving and shipping animals, and one per remount unit processing 1,500 animals per month.

Mobility. Eighty-percent mobile.

Team IB, veterinary large-animal dispensary detachment

Capabilities. Provides dispensary service for large animals (horses and mules). Provides emergency treatment and minor surgery on an area basis for large animals. Is not adaptable to organization and equipment levels 2 and 3.

Strength. Off 1 EM 5 Aggr 6

Basis of allocation. To field army on the basis of one per 300 horses or mules to be supported.

Mobility. One hundred-percent mobile (when equipped with wheeled fuel-consuming motor vehicles).

Team ID, veterinary small-animal hospital detachment

Capabilities. Provides hospitalization for approximately 50 small animals (sentry or working dogs) that require medical or surgical treatment or observation.

Strength. a. Level 1: Off 2 EM 13
Aggr 15
b. Level 2: Off 2 EM 12
Aggr 14
c. Level 3: Off 2 EM 10
Aggr 12

Basis of allocation. One per field army when assigned small animals, plus to TASCUM on the basis of one per 500 small animals in the COMMZ.

Mobility. Thirty-five-percent mobile.

Team IE, veterinary small-animal dispensary detachment

Capabilities. Provides dispensary service for small animals (working dogs) and laboratory animals to include emergency treatment and minor surgery on an area basis. Is not adaptable to organization and equipment levels 2 and 3.

Strength. a. Off 1 EM 7 Aggr 8

Basis of allocation. To field army and to TASCUM on the basis of one per 100 small animals or major fraction thereof to be supported.

Mobility. Thirty-five-percent mobile.

Team JA, veterinary service detachment, small

Capabilities. Provides food inspection service, zoonotic disease control, and emergency treatment for animals in a theater of operations for small independent operational areas and task forces. Inspects subsistence and food-producing animals exposed to CBR agents; conducts antemortem and postmortem examinations of food animals not to exceed 90 cattle, 130 hogs, or 150 sheep per day; performs procurement and surveillance food inspection of not more than 100 short tons of subsistence per day; conducts a zoonotic disease control program; and provides emergency veterinary treatment for animals. Provides veterinary services as indicated for base installations that have a population of 10,000 troops or less and are not otherwise provided such services. Is not adaptable to organization and equipment levels 2 and 3.

Strength. Off 1 EM 5 Aggr 6

Basis of allocation. To field army on the basis of one per corps supported.

Mobility. One hundred-percent mobile.

Team JB, veterinary service detachment, large

Capabilities. Provides food inspection service, zoonotic disease control, and emergency veterinary treatment for animals in a theater of operations. Performs procurement and surveillance food inspections for not more than 1,000 short tons of subsistence per day; inspects subsistence and food-procuring animals exposed to CBR agents; conducts antemortem and postmortem examination of food animals; and provides a maximum of eight mobile service teams for operations where required. May be augmented by team JA.

Strength. a. Level 1: Off 12 EM 42
Aggr 54

b. Level 2: Off 12 EM 37
Aggr 49

c. Level 3: Off 12 EM 31
Aggr 43

Basis of allocation. One per field army, plus to TASCUM on the basis of one per 1,000 short tons of class I supply received or issued per day.

Mobility. One hundred-percent mobile.

Part 4—Professional Services

Teams KA—KL and KN—KP

Team KA, surgical detachment

Capabilities. Performs general surgery and related patient-care procedures. Normally functions as a single operative team. Augments any medical unit or facility that organically can perform major surgery. Is not adaptable to organization and equipment levels 2 and 3.

Strength. Off 4 EM 3 Aggr 7

Basis of allocation. To field army on the basis of one per four evacuation hospitals allocated, plus to TASCUM on the basis of one per 5,000 fixed beds required.

Mobility. One hundred-percent mobile.

Team KB, orthopedic detachment

Capabilities. Performs orthopedic surgery and related patient-care procedures. Normally functions as a single operative team. Augments any medical unit or facility that organically can perform major surgery. Is not adaptable to organization and equipment levels 2 and 3.

Strength. Off 4 EM 3 Aggr 7

Basis of allocation. To field army on the basis of one per four evacuation hospitals allocated, plus to TASCUM on the basis of one per 10,000 fixed beds required.

Mobility. One hundred-percent mobile.

Team KC, shock detachment

Capabilities. Administers whole blood, blood derivatives, and blood volume expanders and performs other procedures directed toward the prevention and treatment of shock. May augment any medical treatment facility that, by reason of mission or workload, requires additional personnel for the accomplishment of shock therapy. Is not adaptable to organization and equipment levels 2 and 3.

Strength. Off 2 EM 2 Aggr 4

Basis of allocation. To field army on the basis of one per eight evacuation hospitals allocated, plus to TASCOT on the basis of one per 10,000 fixed beds required.

Mobility. One hundred-percent mobile.

Team KD, maxillofacial detachment

Capabilities. Furnishes specialized dental and medical treatment for patients suffering from face and jaw wounds and fractures. Normally functions as a single operative team. Augments any medical unit or facility that organically can perform major surgery. Is not adaptable to organization and equipment levels 2 and 3.

Strength. Off 4 EM 3 Aggr 7

Basis of allocation. To field army on the basis of one per eight evacuation hospitals, plus to TASCOT on the basis of one per 20,000 fixed beds required.

Mobility. One hundred-percent mobile.

Team KE, neurosurgical detachment

Capabilities. Performs neurosurgical and related patient-care procedures. Normally functions as a single operative team. Augments any medical unit or facility that organically can perform major surgery. Is not adaptable to organization and equipment levels 2 and 3.

Strength. Off 4 EM 3 Aggr 7

Basis of allocation. To field army on the basis of one per four evacuation hospitals allocated, plus to TASCOT on the basis of one per 10,000 fixed beds required.

Mobility. One hundred-percent mobile.

Team KF, thoracic detachment

Capabilities. Performs thoracic surgery and related patient-care procedures. Normally functions as a single operative team. Augments any medical unit or facility that organically can perform major surgery. Is not adaptable to organization and equipment levels 2 and 3.

Strength. Off 4 EM 3 Aggr 7

Basis of allocation. To field army on the basis of one per eight evacuation hospitals allocated, plus to TASCOT on the basis of one per 20,000 fixed beds required.

Mobility. One hundred-percent mobile.

Team KG, medical treatment detachment (chemical agents)

Capabilities. Provides intensive care for patients suffering from the effects of chemical agents. Provides augmentation facilities that can manage 24 patients at a time. May augment any medical unit or facility that can provide patient-care services.

Strength. a. Level 1: Off 2 EM 12
Aggr 14

b. Level 2: Off 2 EM 11
Aggr 13

c. Level 3: Off 2 EM 9
Aggr 11

Basis of allocation. To field army on the basis of one per eight evacuation hospitals allocated, plus to TASCOT on the basis of one per 20,000 fixed beds required.

Mobility. Seventy-percent mobile.

Team KH, X-ray detachment

Capabilities. Accomplishes radiographic and fluoroscopic procedures and interpretations. Performs a maximum of 12 fluoroscopic and approximately 50 radiographic examinations per day. Augments any medical treatment facility. Is not adaptable to organization and equipment levels 2 and 3.

Strength. Off 1 EM 2 Aggr 3

Basis of allocation. To field army on the basis of one per 24 evacuation hospitals allocated, plus to TASCOT on the basis of one per 30,000 fixed beds required.

Mobility. Seventy-percent mobile.

Team KI, dental operating detachment

Capabilities. Provides dental treatment (emergency and operative) for 1,000 troops in isolated areas not otherwise provided dental service. Is not adaptable to organization and equipment levels 2 and 3.

Strength. Off 1 EM 1 Aggr 2

Basis of allocation. To field army and to TASCOT on the basis of one per 1,000 population not served by team KJ.

Mobility. One hundred-percent mobile.

Team KJ, dental service detachment

Capabilities. Provides definitive dental care and treatment except for those cases requiring hospitalization for approximately 15,000 troops. May be separated to provide five mobile operative teams, three semimobile teams, and one prosthetic team for operation in isolated areas.

Strength. a. Level 1: Off 16 EM 21
Aggr 37

b. Level 2: Off 15 EM 18
Aggr 33

c. Level 3: Off 14 EM 16
Aggr 30

Basis of allocation. To field army and to TASCOT on the basis of one per 15,000 population.

Mobility. One hundred-percent mobile.

Team KK, dental prosthetic detachment, mobile

Capabilities. Provides prosthetic treatment and limited laboratory support to dental units or facilities that collectively service 30,000 troops. Is not adaptable to organization and equipment levels 2 and 3.

Strength. Off 1 EM 3 Aggr 4

Basis of allocation. To field army on the basis of one per 30,000 population, plus to TASCOM on the basis of one per 30,000 population in the COMMZ.

Mobility. One hundred-percent mobile.

Team KL, dental prosthetic detachment, fixed

Capabilities. Provides dental prosthetic laboratory support to dental units or facilities that collectively service 60,000 troops in the COMMZ. Is to be employed as a fixed facility. Is not adaptable to organization and equipment levels 2 and 3.

Strength. Off 1 EM 6 Aggr 7

Basis of allocation. To TASCOM on the basis of one per 60,000 troops in the COMMZ or major fraction thereof not supported by team KK.

Mobility. Fixed.

Team KN, central dental laboratory

Capabilities. Provides dental prosthetic laboratory support, including procedures requiring special fabrication methods, to dental units or facilities that collectively service 200,000 troops. Operates as a fixed facility in the COMMZ, using existing buildings or engineer construction.

Strength. a. Level 1: Off 3 EM 25
Aggr 28
b. Level 2: Off 3 EM 22
Aggr 25
c. Level 3: Off 3 EM 19
Aggr 22

Basis of allocation. To TASCOM on the basis of one per 200,000 troops in the COMMZ or major fraction thereof.

Mobility. Fixed.

Team KO, psychiatric detachment

Capabilities. Provides psychiatric treatment for from 200 to 300 patients. Operates within the facilities of the medical service unit to which attached. Also provides psychiatric consultation and specialized treatment teams on a mobile basis for use, as required, in providing field army-level psychiatric medical service support to combat operations.

Strength. a. Level 1: Off 8 EM 11
Aggr 19

b. Level 2: Off 8 EM 9
Aggr 17

c. Level 3: Off 8 EM 7
Aggr 15

Basis of allocation. To field army on the basis of one per corps supported, plus to TASCOM on the basis of one per three corps supported.

Mobility. One hundred-percent mobile.

Team KP, renal and electrolyte metabolism detachment

Capabilities. Provides an augmentation facility that can care for a maximum of 20 patients at a time who are seriously ill with acute renal failure. Under normal conditions, operates in conjunction with a fixed-type hospital and provides service within its specialty for a force of 150,000. Also provides consultation services to medical units supported. Is designed to operate as a fixed facility in the COMMZ.

Strength. a. Level 1: Off 12 EM 23
Aggr 35
b. Level 2: Off 12 EM 20
Aggr 32
c. Level 3: Off 12 EM 16
Aggr 28

Basis of allocation. One per 150,000 troops in a theater of operations.

Mobility. Fixed.

Part 5—Miscellaneous

Teams LA, LB, MA—MC, NA—NC, OA, and PA

Team LA, preventive medicine control detachment

Capabilities. Provides technical supervisory personnel for the control of disease vectors or reservoirs and related environmental hygiene functions in a division area or an area of similar size in military population. Assists in training troops in environmental hygiene. Must be augmented by labor units from civilian, prisoner of war, or troop sources for accomplishment of control measures.

Strength. a. Level 1: Off 1 EM 10
Aggr 11
b. Level 2: Off 1 EM 9
Aggr 10
c. Level 3: Off 1 EM 8
Aggr 9

Basis of allocation. To independent corps or task force not otherwise provided preventive medicine support on the basis of one per division.

Mobility. One hundred-percent mobile.

Team LB, preventive medicine survey detachment

Capabilities. Provides professional and technical personnel for the field study, survey, and evaluation of disease vectors and reservoirs and related environmental health problems in an area comparable in size and military population to a corps. Assists in training troops in environmental hygiene.

- Strength.* a. Level 1: Off 2 EM 9
Aggr 11
b. Level 2: Off 2 EM 8
Aggr 10
c. Level 3: Off 2 EM 7
Aggr 9

Basis of allocation. To independent corps or task force on the basis of one per one to three teams LA authorized.

Mobility. One hundred-percent mobile.

Team MA, dispensary

Capabilities. Provides complete dispensary care for an area with a troop population of from 1,500 to 3,000. Normally is assigned to the COMMZ.

- Strength.* a. Level 1: Off 3 EM 15
Aggr 18
b. Level 2: Off 3 EM 13
Aggr 16
c. Level 3: Off 3 EM 12
Aggr 15

Basis of allocation. To TASCOT on the basis of three per corps supported.

Mobility. Forty-percent mobile.

Team MB, general dispensary

Capabilities. Provides medical, surgical, and dental dispensary service to troops not otherwise provided primary care; can service an area with from 2,000 to 5,000 troop population. Normally is assigned to the COMMZ.

- Strength.* a. Level 1: Off 7 EM 14
Aggr 21
b. Level 2: Off 7 EM 12
Aggr 19
c. Level 3: Off 7 EM 10
Aggr 17

Basis of allocation. To TASCOT on the basis of three per corps supported.

Mobility. Twenty-five-percent mobile.

Team MC, general dispensary

Capabilities. Provides complete dispensary care to troops not otherwise provided primary medical care; can service an area with from 5,000

to 10,000 troop population. Normally is assigned to the COMMZ.

- Strength.* a. Level 1: Off 12 EM 28
Aggr 40
b. Level 2: Off 12 EM 24
Aggr 36
c. Level 3: Off 12 EM 20
Aggr 32

Basis of allocation. To TASCOT on the basis of one per corps supported.

Mobility. Fifteen-percent mobile.

Team NA, blood-processing detachment

Capabilities. Supervises and operates in conjunction with six teams NB; processes 1,200 units of whole blood daily; and can store a maximum of 3,600 units of whole blood.

- Strength.* a. Level 1: Off 2 EM 14
Aggr 16
b. Level 2: Off 2 EM 12
Aggr 14
c. Level 3: Off 2 EM 10
Aggr 12

Basis of allocation. To TASCOT or task force on the basis of one per six teams NB allocated.

Mobility. Seventy-percent mobile.

Team NB, blood-collecting detachment

Capabilities. Procures from donors 200 units of whole blood daily and can store a maximum of 600 units. Must be supported by a medical laboratory or a unit having a blood-processing capability. Normally is supported by team NA.

- Strength.* a. Level 1: Off 1 EM 9
Aggr 10
b. Level 2: Off 1 EM 8
Aggr 9
c. Level 3: Off 1 EM 7
Aggr 8

Basis of allocation. To TASCOT on the basis of two per corps supported.

Mobility. One hundred-percent mobile.

Team NC, blood distribution detachment

Capabilities. Can operate three blood distribution teams with a total single-lift capability of 2,808 units of blood; can store 1,200 units of blood; can operate in two 12-hour shifts.

- Strength.* a. Level 1: EM 8
b. Level 2: EM 7
c. Level 3: EM 6

Basis of allocation. One per field army, plus to TASCOT on the basis of one per field army supported.

Mobility. One hundred-percent mobile.

Team OA, medical detachment

Capabilities. Can provide dispensary service for approximately 1,000 troops not otherwise provided unit medical service.

- Strength.* a. Level 1: Off 1 EM 8
Aggr 9
b. Level 2: Off 1 EM 7
Aggr 8
c. Level 3: Off 1 EM 6
Aggr 7

Basis of allocation. To field army on the basis of 10 per corps supported; to TASCOT on the basis of one per 1,000 troops in the COMMZ not otherwise provided unit-level medical service.

Mobility. One hundred-percent mobile.

Team PA, medical illustration detachment

Capabilities. Provides facilities for recording and/or illustrating medical procedures, cases, and specimens by the various art and photographic processes; can produce lantern slides, prints, transparencies, and motion pictures in black and white and in color. Normally is assigned to the COMMZ. Is not adaptable to organization and equipment levels 2 and 3.

Strength. Off 1 EM 5 Aggr 6

Basis of allocation. To TASCOT on the basis of one per theater.

Mobility. Forty-percent mobile.

Part 6—Evacuation Service

Teams RA—RE

Team RA, helicopter ambulance detachment

Capabilities. Provides an immediate response for battlefield aeromedical evacuation of patients from as far forward as the tactical situation permits. Accomplishes in-flight medical treatment and/or surveillance for patients en route to treatment facilities. Furnishes aerial delivery of medical personnel and/or materiel. The unit's six helicopters each can transport six litter or 10 ambulatory patients, or combinations thereof. Is staffed and equipped for highly mobile operations in the combat zone. Capabilities are generally the same as those of a platoon of the air ambulance company (TOE 8-137).

- Strength.* a. Level 1: Off 4 WO 10
EM 34 Aggr 48
b. Level 2: Off 4 WO 9
EM 30 Aggr 43
c. Level 3: Off 4 WO 7
EM 27 Aggr 38

Basis of allocation. As required.

Mobility. One hundred-percent mobile.

Team RB, ambulance detachment

Capabilities. Operates six $\frac{3}{4}$ -ton field ambulances or three bus ambulances. When equipped with $\frac{3}{4}$ -ton field ambulances, provides for simultaneous movement of 24 litter patients or 48 ambulatory patients, or combinations thereof. When equipped with bus ambulances, provides for simultaneous movement of 54 litter patients or 132 ambulatory patients, or combinations thereof.

- Strength.* a. Level 1: EM 14
b. Level 2: EM 13
c. Level 3: EM 11

Basis of allocation. To TASCOT on the basis of two per corps supported.

Mobility. One hundred-percent mobile.

Team RC, helicopter ambulance air crash rescue detachment

Capabilities. Provides an immediate response for extrication of personnel, suppression of post crash fires and forced entry, as necessary, and aeromedical evacuation of patients from crashed aircraft. Furnishes emergency aid at air crash site and accomplishes in-flight medical treatment and/or surveillance for patients while en route to treatment facilities. Each of the unit's two helicopters, when fully rigged and manned for air crash rescue service, can transport three litter and two ambulatory patients. Temporary abandonment of a portion of the crew and crash rescue equipment at the air crash site or diversion of same to other vehicles will enable each helicopter to accommodate a combination of three litter and five ambulatory patients. Provides command and control for the basic unit and a maximum of four augmentation detachments, teams RD.

- Strength.* Off 2 WO 3 EM 11
Aggr 16

Basis of allocation. To field army and independent corps on the basis of one per division plus two per corps, and to TASCOT on the basis of one per 100 Army aircraft operated in the COMMZ.

Mobility. One hundred-percent mobile.

Team RD, helicopter ambulance air crash rescue augmentation

Capabilities. Provides a single, fully crewed and equipped crash rescue helicopter ambulance augmentation for team RC.

- Strength.* Off 1 WO 1 EM 5 Aggr 7

Basis of allocation. To field army and independent corps on the basis of four per helicopter ambulance air crash detachment (team RC), as required.

Mobility. One hundred-percent mobile.

Team RE, ambulance detachment (bus)

Capabilities. Operates three bus ambulances to provide simultaneous movement of 54 litter patients or 132 ambulatory patients, or combinations thereof.

Strength. a. Level 1: EM 14
b. Level 2: EM 13
c. Level 3: EM 11

Basis of allocation. To TASCOM on the basis of two per corps supported.

Mobility. One hundred-percent mobile.

Part 7—Medical Control and Support Teams Teams SA and SB

Team SA, medical control

Capabilities. Provides supervision and control of a maximum of nine teams SB within a theater of operations. Is not adaptable to organization and equipment levels 2 and 3.

Strength. Off 1

Basis of allocation. One per nine teams SB or fraction thereof.

Mobility. No organic transportation provided. Normally moves with teams SB.

TEAM SB, medical support

Capabilities. Provides unit-level medical support for U.S. personnel, as required; advises and provides training in medical treatment and preventive medicine procedures, as required; provides, as authorized, limited medical service for non-U.S. civilian and military personnel. It not adaptable to organization and equipment levels 2 and 3.

Strength. EM 4

Basis of allocation. As required.

Mobility. One hundred-percent mobile.

8-510G Fld Hosp

Mission. To provide hospitalization to troops in the COMMZ when temporary hospital facilities are required.

Assignment. To theater army MEDCOM or task force, as required.

Capabilities. a. At level 1, this unit provides

(1) Hospitalization and treatment for 400 patients.

(2) A normal bed capacity of 400 beds. May be divided into three 100-bed hospitalization units, each of which can operate separately or independently.

b. At level 2, this unit can provide two hospitalization units of 100-bed capacity each and one hospitalization unit of 60-bed capacity. At level 3, this unit can provide two hospitalization units of 100-bed capacity each.

c. The capabilities of a type B organization are the same as those of a level 1 organization.

d. This unit depends on—

(1) The finance direct support company (TOE 14-17) for finance services.

(2) The quartermaster service organization (TOE 10-500) or other quartermaster laundry facilities for laundry service.

Strength. a. Level 1: Off 64 EM 191
Aggr 255

b. Level 2: Off 59 EM 176
Aggr 235

c. Level 3: Off 47 EM 136
Aggr 183

d. Type B: Off 64 EM 155
Aggr 219

Basis of allocation. a. To COMMZ on the basis of three per 10,000 fixed beds required in theater.

b. At type B strength, to COMMZ on the basis of one per 40,000 medically destitute civilians, plus one per 10,000 displaced persons, plus one per 10,000 prisoners of war requiring support.

Category. III.

Mobility. Forty-percent mobile.

8-520G Amb Tn, Rail

Mission. To evacuate patients from hospitals or holding units of the combat zone to the COMMZ, between hospitals of the COMMZ, and from hospitals to aerial and/or water ports of embarkation.

Assignment. To theater army MEDCOM or task force, as required.

Capabilities. a. At level 1, this unit provides rail transportation and en route medical care for

(1) 180 litter patients, or

(2) 72 litter patients and 108 ambulatory patients, or

(3) 72 litter patients and 144 ambulatory patients not requiring litter berth accommodations.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. This unit depends on—

(1) The finance direct support company (TOE 14-17) for finance services.

(2) The personnel service company (TOE 12-67) for personnel services.

(3) The transportation service organization (TOE 55-500) and/or the transportation railway battalion (TOE 55-225) for train operating and maintenance personnel.

(4) The quartermaster service organization (TOE 10-500) or other quartermaster laundry facilities for laundry services.

(5) Military police service organization teams (TOE 19-500) when prisoner patients are transported.

Strength. a. Level 1: Off 7 EM 36
Aggr 43
b. Level 2: Off 7 EM 33
Aggr 40
c. Level 3: Off 7 EM 29
Aggr 36
d. Type B: Off 7 EM 18
Aggr 25

Basis of allocation. Six per field army.

Category. III.

Mobility. Fixed.

TOE 8-551G GH, 1,000-Bed

Mission. To provide hospitalization to include

a. Medical and surgical treatment of a definitive and specialized nature.

b. Observations and studies of patients with serious and or complicated illnesses, diseases, injuries, or combat-incurred wounds.

Assignment. To theater army MEDCOM.

Capabilities. a. At level 1, this unit provides

(1) Services stated in the mission of the unit.

(2) Reception and treatment of patients evacuated from—

(a) Forward medical units, including those in support of combat troops.

(b) Station and field hospitals.

(c) Dispensaries in the immediate vicinity of the hospital.

b. At level 2, this unit can provide and operate a 900-fixed-bed hospitalization facility. At level 3, this unit can provide and operate a 800-fixed-bed hospitalization facility.

c. The capabilities of a type B organization are the same as those of a level 1 organization.

d. This unit depends on—

(1) The finance direct support company (TOE 14-17) for finance service.

(2) Military police service organization teams (TOE 19-500) when prisoner patients are hospitalized.

Strength. a. Level 1: Off 168 WO 1
EM 420 Aggr 589
b. Level 2: Off 160 WO 1
EM 376 Aggr 537
c. Level 3: Off 150 WO 1
EM 328 Aggr 479
d. Type B: Off 168 WO 1
EM 353 Aggr 522

Basis of allocation. To COMMZ on the basis of 15 per 20,000 fixed beds required.

Category. III.

Mobility. Fixed.

8-563G Sta Hosp, 100-Bed

Mission. To provide station-type hospitalization, outpatient service, and locally assigned medical logistic support to an installation or the military population of a specified geographical area.

Assignment. To theater army MEDCOM or task force, as required.

Capabilities. a. At level 1, this unit provides and operates a 100-fixed-bed hospitalization facility and normally furnishes the following services:

(1) Medical and surgical care and treatment for inpatients.

(2) Preparation of patients for further evacuation.

(3) Limited outpatient service.

(4) Limited optometrical, medical supply, and medical equipment maintenance support to a military population or geographical area.

b. At level 2, this unit can provide and operate a 90-fixed-bed hospitalization facility. At level 3, this unit can provide and operate an 80-fixed-bed hospitalization facility.

c. This unit is not adaptable to a type B organization.

d. This unit depends on—

(1) The finance direct support company (TOE 14-17) for finance services.

(2) Military police service organization teams (TOE 19-500) when prisoner patients are hospitalized.

(3) The quartermaster service organization (TOE 10-500) or other quartermaster laundry facilities for laundry services.

Strength. a. Level 1: Off 29 WO 1
EM 72 Aggr 102
b. Level 2: Off 29 WO 1
EM 64 Aggr 94
c. Level 3: Off 29 WO 1
EM 55 Aggr 85

Basis of allocation. To theater army MEDCOM, as required, to satisfy bed requirements.

Category. III.

Mobility. Fixed.

8-564G Sta Hosp, 200-Bed

Mission. To provide station-type hospitalization, outpatient service, and locally assigned medical logistic support to an installation or the military population of a specified geographical area.

Assignment. To theater army MEDCOM or task force, as required.

Capabilities. a. At level 1, this unit—

(1) Operates a 200-fixed-bed hospitalization facility and provides medical and surgical care and treatment for 200 inpatients.

(2) Prepares patients for further evacuation.

(3) Provides limited outpatient services to include dental care.

(4) Provides limited medical supply, optometrical, and medical equipment maintenance support to an installation or the military population of a specified geographical area.

b. At level 2, this unit can provide and operate a 180-fixed-bed hospitalization facility. At level 3, this unit can provide and operate a 160-fixed-bed hospitalization facility.

c. The capabilities of a type B organization are the same as those of a level 1 organization.

d. This unit depends on—

(1) The finance direct support company (TOE 14-17) for finance service.

(2) Military police service organization teams (TOE 19-500) when prisoner patients are hospitalized.

(3) The supply and service company (TOE 29-147) for laundry support.

e. Fifty percent of the male personnel, except chaplains, are provided weapons for personal defense and for the protection of the sick and wounded in their charge.

f. This unit can perform organizational maintenance on organic equipment.

Strength. a. Level 1: Off 43 WO 1
EM 112 Aggr 156
b. Level 2: Off 42 WO 1
EM 102 Aggr 145
c. Level 3: Off 40 WO 1
EM 88 Aggr 129
d. Type B: Off 42 WO 1
EM 70 Aggr 113

Basis of allocation. To COMMZ on the basis of one per 10,000 fixed beds required.

Category. III.

Mobility. Fixed.

8-565G Sta Hosp, 300-Bed

Mission. To provide station-type hospitalization, outpatient service, and locally assigned medical logistic support to an installation or the military population of a specified geographical area.

Assignment. To theater army MEDCOM or task force, as required.

Capabilities. a. At level 1, this unit—

(1) Operates a 300-fixed-bed hospitalization facility and provides medical and surgical care and treatment for 300 inpatients.

(2) Prepares patients for further evacuation.

(3) Provides limited outpatient services to include dental care.

b. At level 2, this unit can provide and operate a 270-fixed-bed hospitalization facility. At level 3, this unit can provide and operate a 240-fixed-bed hospitalization facility.

c. The capabilities of a type B organization are the same as those of a level 1 organization.

d. This unit depends on—

(1) The finance direct support company (TOE 14-17) for finance service.

(2) Military police service organization teams (TOE 19-500) when prisoner patients are hospitalized.

Strength. a. Level 1: Off 57 WO 1
EM 166 Aggr 224
b. Level 2: Off 54 WO 1
EM 150 Aggr 205
c. Level 3: Off 52 WO 1
EM 134 Aggr 187
d. Type B: Off 51 WO 1
EM 136 Aggr 188

Basis of allocation. To COMMZ on the basis of one per 8,000 fixed beds required.

Category. III.
Mobility. Fixed.

8-566G Sta Hosp, 500-Bed

Mission. To provide station-type hospitalization (medical and surgical treatment) and outpatient service to an installation or the military population of a specified geographical area.

Assignment. To theater army MEDCOM or task force, as required.

Capabilities. a. At level 1, this unit—

(1) Operates a 500-fixed-bed hospitalization facility and provides medical and surgical care and treatment for 500 inpatients.

(2) Prepares patients for further evacuation.

(3) Provides limited outpatient services to include dental care.

b. At level 2, this unit can provide and operate a 460-fixed-bed hospitalization facility. At level 3, this unit can provide and operate a 400-fixed-bed hospitalization facility.

c. The capabilities of a type B organization are the same as those of a level 1 organization.

d. This unit depends on—

(1) The finance direct support company (TOE 14-17) for finance service.

(2) Military police service organization teams (TOE 19-500) when prisoner patients are hospitalized.

Strength. a. Level 1: Off 92 WO 1
EM 247 Aggr 340

b. Level 2: Off 88 WO 1
EM 225 Aggr 314

c. Level 3: Off 82 WO 1
EM 190 Aggr 273

d. Type B: Off 92 WO 1
EM 200 Aggr 293

Basis of allocation. To COMMZ on the basis of one per 9,000 fixed beds required.

Category. III.

Mobility. Fixed.

8-571G MASH

Mission. To provide resuscitative surgery and medical treatment necessary to prepare critically injured or ill patients received from division medical elements for extended evacuation.

Assignment. To field army medical brigade, COSCOM type B medical group of independent corps, or task force.

Capabilities. a. At level 1, this unit provides the following for a maximum of 60 patients:

(1) Resuscitative surgery and medical treatment necessary to prepare critically injured or ill patients for further evacuation to other medical facilities that can give them definitive treatment.

(2) Holding facilities for patients ready for evacuation. The holding element also can operate independently for short periods while the remainder of the unit displaces to establish a new facility.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) The personnel service company (TOE 12-17) for personnel services.

(2) The finance direct support company (TOE 14-17) for finance services.

(3) The quartermaster service organization (TOE 10-500) or other quartermaster laundry facilities for laundry services.

(4) Military police service organization teams (TOE 19-500) when prisoner patients are hospitalized.

(5) The medical service organization (TOE 8-500) for the addition of professional service teams when increased treatment capabilities are required.

Strength. a. Level 1: Off 33 EM 88
Aggr 121

b. Level 2: Off 32 EM 79
Aggr 111

c. Level 3: Off 31 EM 70
Aggr 101

Basis of allocation. One per division.

Category. II.

Mobility. One hundred-percent mobile.

8-581G Evac Hosp

Mission. To provide hospitalization for all classes of patients within the combat zone.

Assignment. To field army medical brigade, COSCOM type B medical group of independent corps, or task force. Normally attached to HHD, medical group (TOE 8-122).

Capabilities. a. At level 1, this unit—

(1) Provides hospitalization for 400 patients of all classes and austere medical treatment for an expanded capacity of 600 patients in an emergency and for a limited time only.

(2) Provides limited outpatient service to the military population in the immediate vicinity of the hospital facility.

(8) Prepares patients for evacuation to other medical facilities.

b. At level 2, this unit can provide hospitalization for 860 patients. At level 3, this unit can provide hospitalization for 320 patients.

c. This unit is not adaptable to a type B organization.

d. This unit depends on—

(1) The finance direct support company (TOE 14-17) for finance services.

(2) Area transportation services or higher HQ for displacement transportation when the unit must move in a single lift.

(3) Military Police service organization teams (TOE 19-500) when prisoner patients are hospitalized.

e. Fifty percent of the male personnel, except chaplain, are provided weapons for personal defense and for the protection of the sick and wounded in their charge.

f. This unit performs organizational maintenance on organic equipment.

Strength. a. Level 1: Off 99 WO 1

EM 218 Aggr 318

b. Level 2: Off 95 WO 1

EM 194 Aggr 290

c. Level 3: Off 88 WO 1

EM 168 Aggr 257

Basis of allocation. To field army or independent task force on a basis of two per division.

Category. II.

Mobility. Fifty-percent mobile.

8-590G Conv Cen

Mission. To provide facilities for the convalescent care and physical reconditioning of patients.

Assignment. To field army medical brigade or theater army MEDCOM.

Capabilities. a. At level 1, this unit provides the following for 1,500 patients:

(1) Convalescent care and physical reconditioning of patients expected to be returned to duty under existing evacuation policy.

(2) Dispensary-type medical and dental treatment.

(3) Dispensary-type optometrical care.

b. At level 2, this unit can provide services as stated in a above for 1,350 patients. At level 3, this unit can provide services as stated in a above for 1,200 patients.

c. The capabilities of a type B organization are the same as those of a level 1 organization.

d. This unit depends on—

(1) The finance direct support company (TOE 14-17) for finance services.

(2) Military police service organization teams (TOE 19-500) for military police service and area security.

(3) Area transportation services or higher HQ for displacement transportation.

Strength. a. Level 1: Off 49 WO 2

EM 213 Aggr 264

b. Level 2: Off 49 WO 2

EM 195 Aggr 246

c. Level 3: Off 47 WO 2

EM 166 Aggr 215

d. Type B: Off 49 WO 2

EM 185 Aggr 236

Basis of allocation. One per field army and one per 10,000 fixed beds in the COMMZ.

Category. II.

Mobility. Fixed.

8-650G Med Lab

Mission. To furnish complete medical laboratory service within a theater of operations.

Assignment. To field army medical brigade or theater army MEDCOM.

Capabilities. a. At level 1, this unit provides medical laboratory service in direct support of a field army or general support within a theater of operations. This unit—

(1) Operates one base and three mobile laboratories.

(2) Performs laboratory examinations normally within the capabilities of the unit listed in AR 40-4.

(3) Assists in the detection and identification of agents used in nuclear, biological, and chemical warfare in personnel exposed to such agents and evaluates their actual or potential hazards.

(4) Conducts medical research investigations and technical inspections.

(5) Performs tests in support of epidemiological studies.

(6) Manufactures diagnostic biologicals.

(7) Establishes a theater histopathology center.

b. At level 2, the capabilities are the same as those at level 1, but the operational capabilities are reduced to approximately 90 percent.

c. At level 3, the capabilities are the same as those at level 1, but the operational capabilities

are reduced to one base and two mobile laboratories.

d. The capabilities of a type B organization are the same as those of a level 1 organization.

e. This unit is authorized personnel for both company- and battalion-level organizational maintenance of wheeled vehicles, but must be attached to higher HQ or other units for battalion-level shop facilities and tools.

f. This unit depends on—

(1) The personnel service company (TOE 12-17) for personnel services.

(2) The finance direct support company (TOE 14-17) for finance services.

(3) Higher HQ or other medical units to furnish mess services.

Strength. a. Level 1: Off 24 EM 90
Aggr 114

b. Level 2: Off 24 EM 82
Aggr 106

c. Level 3: Off 21 EM 74
Aggr 95

d. Type B: Off 24 EM 83
Aggr 107

Basis of allocation. One per field army, plus one per 30,000 fixed beds required in the COMMZ.

Category. II.

Mobility. HQ section and base laboratory are fixed; mobile laboratories are 100-percent mobile.

8-667G Army Med Dep

Mission. To furnish medical depot support to a field army.

Assignment. To field army.

Capabilities. a. At level 1, this unit can provide general and direct medical supply support to a maximum of 400,000 troops in a combat zone to include—

(1) Establishment of the base depot and three advance depots to provide medical depot support on an area basis.

(2) Receipt, storage, and issue of medical supplies and equipment.

(3) Direct and general support maintenance of medical equipment.

(4) Optical laboratory service.

(5) Distribution of whole blood throughout the army area.

(6) Operation of the field army medical inventory control point.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. This unit depends on—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) The finance service organization (TOE 14-500) for finance services.

(3) Area transportation units for supplemental transportation.

d. This unit performs organizational maintenance on organic equipment.

e. Fifty percent of the individuals of this unit are provided weapons for personal defense.

Strength. a. Level 1: Off 14 WO 2
EM 210 Aggr 226

b. Level 2: Off 14 WO 2
EM 188 Aggr 204

c. Level 3: Off 14 WO 2
EM 164 Aggr 180

d. Type B: Off 14 WO 2
EM 135 Aggr 151

Basis of allocation. One per field army medical brigade.

Category. II.

Mobility. Seventy-five-percent mobile.

CHAPTER 7

ORDNANCE UNITS

9-17G Ord Ammo DS/GS Co

Mission. a. To establish and operate a storage area for receipt, storage, and issue of all items of conventional ammunition (chemical and ordnance, excluding CBR warheads and missiles), bulk toxics, and certain high-intensity, low-maintenance missiles in support of troop units within the field army.

b. To perform limited maintenance on conventional items of ammunition, components, and containers.

c. To establish separate ammunition supply points for issue of ammunition. May be employed separately or in conjunction with similar units to operate an army ammunition depot.

d. To perform go-no-go testing of the Redeye weapon rounds before issue to the using unit and semiannual surveillance sample testing of the Redeye weapon rounds in ammunition field storage.

Assignment. To FASCOM; normally attached to HHC, ammunition battalion, direct support/general support (TOE 9-86). When employed with an independent corps task force, assigned to COSCOM.

Capabilities. a. At level 1, this unit—

(1) Lifts approximately 1,480 short tons of ammunition per day. (Lift is defined as the act of physically picking up and setting down ammunition in the course of operations.) The lift capability may be increased by the assignment of additional personnel and equipment. The capability of the unit is computed at the rate of 5 short tons per storage specialist or handler per day.

(2) Provides stock control for class V materiel (approximately 1,200 line items).

(3) Operates at two separate locations, when required.

(4) Performs limited maintenance (repairing boxes and containers, cleaning, restenciling, and repainting) operations on conventional items of ammunition stored by the unit.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. This unit depends on an appropriate AG personnel service unit for processing personnel administrative actions, to include classification, personal affairs, maintenance of personnel records, pay actions, personnel accounting, casualty reporting, rosters, and orders directing personnel actions.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 3 WO 2
EM 244 Aggr 249

b. Level 2: Off 3 WO 2
EM 218 Aggr 223

c. Level 3: Off 3 WO 2
EM 194 Aggr 199

d. Type B: Off 3 WO 2
EM 98 Aggr 103

Basis of allocation. Fifteen per typical field army in the army area; normally allocated on the basis of five per corps.

Category. II.

Mobility. Sixty-five-percent mobile. Units requiring 100-percent mobility for personnel and equipment will require assistance from appropriate transportation facilities within the area.

Remarks. This unit will be replaced by ammunition company, conventional (TOE 9-38G), when published.

9-22G HHC, Ammo DS/GS Gp

Mission. a. To provide command and administrative, tactical, and technical supervision for conventional ammunition, special ammunition, and guided-missile support companies and other attached units.

b. To supervise supply and maintenance of class II and IV special ammunition and missile items and class V stocks within an assigned area of responsibility.

c. To operate an EOD control center and to provide personnel and equipment to augment the capabilities of EOD sections of subordinate units.

d. To direct RAP activities within the ammunition group, as directed by the brigade or area commander.

Assignment. To FASCOM, COSCOM for an independent corps, or TASCOT; normally attached to HHC, ordnance ammunition brigade (TOE 9-32).

Capabilities. a. At levels 1 and 2, this unit—

(1) Commands five ammunition battalions.

(2) Supervises supply and maintenance of class II and IV special ammunition and missile items and class V stocks within an assigned area of responsibility.

(3) Supervises all class V and EOD operational activities within an assigned area of responsibility.

(4) Operates a control center for the receipt of explosive ordnance incident and completion reports and the scheduling and control of disposal operations of subordinate units. Also provides EOD personnel and equipment to augment the capabilities of subordinate units, as required, for clearing areas subjected to saturation bombing or shelling and clearing burned ammunition storage areas or other assignments of a comparable nature.

(5) Operates on a 24-hour basis.

b. At level 3, this unit's command and control capabilities are reduced to four ammunition battalions.

c. This unit is not adaptable to a type B organization.

d. This unit depends on an AG personnel service unit for processing personnel administrative actions, to include classification, personal affairs, maintenance of personnel records, pay actions, personnel accounting, casualty reporting, rosters, and orders directing personnel actions.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 18 WO 2

EM 72 Aggr 92

b. Level 2: Off 18 WO 2

EM 68 Aggr 88

c. Level 3: Off 14 WO 2

EM 63 Aggr 79

Basis of allocation. One per corps slice of a typical field army or one per independent corps. To TASCOT, as required.

Category. II.

Mobility. Seventy-five-percent mobile and air

transportable. Units requiring 100-percent mobility for personnel and equipment will require assistance from appropriate transportation facilities within the area.

Remarks. This unit will be replaced by HHC, ordnance group, ammunition direct support/general support (TOE 9-22G (Updated Copy)).

9-22G (Updated Copy) (PTOE) HHC, Ord Gp, Ammo DS/GS

Mission. To command and control assigned and attached direct support and general support conventional and special ammunition supply organizations.

Assignment. a. To FASCOM or COSCOM for an independent corps.

b. To TASCOT; normally attached to HHC, SMCOT.

Capabilities. a. At level 1, this unit—

(1) Provides command, control, staff planning, and technical supervision for up to six ammunition battalions.

(2) Exercises technical supervision over mission operations of subordinate units, except for those supply control functions for which the support brigade stock control center, the FASCOM inventory control center, or the TASCOT inventory control center is responsible.

b. This unit is not adaptable to a type B organization.

c. The group HQ is staffed for two-shift operation.

d. Individuals of this organization, except chaplain, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 19 WO 3

EM 80 Aggr 102

b. Level 2: Off 19 WO 3

EM 74 Aggr 96

c. Level 3: Off 14 WO 3

EM 65 Aggr 82

Basis of allocation. a. When employed in the field army area, assigned to a corps support brigade on the basis of one per corps of the field army or one per COSCOM in support of an independent corps.

b. When employed in the COMMZ, assigned to the TASCOT on the basis of one per SMCOT, TASCOT.

Category. II.

Mobility. One hundred-percent mobile.

Remarks. TOE 9-22G (Updated Copy). This unit will replace HHC, ammunition direct support/general support group (TOE 9-22G).

9-32G HHC, Ord Ammo Bde

Mission. a. To provide command and administrative, tactical, and technical supervision for conventional, special ammunition, and guided-missile support units and other attached units.

b. To supervise supply and maintenance of class II and IV special ammunition and missile items and class V stocks in the field.

c. To supervise all operational class V and EOD activities within a field army.

Assignment. To FASCOM.

Capabilities. a. At level 1, this unit—

(1) Normally commands three maintenance and supply groups.

(2) Supervises supply and maintenance of class II and IV special ammunition and missile items and class V stocks in the field army. (This unit does not enter into stock control procedures.)

(3) Supervises all class V and EOD operational activities within a field army.

(4) Operates a control center for the receipt of EOD incident and completion reports and the scheduling of disposal operations of units.

(5) Operates on a 24-hour basis.

b. This unit is not adaptable to a type B organization.

c. This unit depends on an AG personnel service unit for processing personnel administrative actions to include classification, personal affairs, maintenance of personnel records, pay actions, personnel accounting, casualty reporting, rosters, and orders directing personnel actions.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 21 WO 1
EM 70 Aggr 92

b. Level 2: Off 19 WO 1
EM 63 Aggr 83

c. Level 3: Off 19 WO 1
EM 54 Aggr 74

Basis of allocation. One per FASCOM.

Category. II.

Mobility. Fifty-percent mobile. Units requiring 100-percent mobility for personnel and equipment will require assistance from appropriate transportation facilities within the area.

9-36G (PTOE) HHC, Ammo Bn, DS/GS

Mission. a. To provide command and technical supervision for conventional, special ammunition, and guided-missile support companies and other attached units.

b. To receive and disseminate technical information and requirements to subordinate units.

Assignment. To FASCOM, COSCOM for independent corps, or TASCUM; normally attached to HHC, ordinance group, ammunition direct support/general support (TOE 9-22).

Capabilities. a. At level 1, this unit—

(1) Provides command, control, staff planning, and technical supervision for up to six ammunition support companies.

(2) Exercises technical supervision over mission operations of subordinate units, except for the supply control functions for which corps support brigade stock control center, the FASCOM inventory control center, or the TASCUM inventory control center is responsible.

b. This unit is not adaptable to a type B unit.

c. The battalion HQ is staffed for two-shift operation.

d. When employed in the field army area, this unit depends on decontamination service support for subordinate units from the field service company, general support, forward (TOE 29-114), or the field service company, general support, army (TOE 29-124).

e. When employed in the COMMZ, this unit depends on the supply and service company, direct support (TOE 29-147), for decontamination service support.

f. This unit, when authorized additional equipment by an MTOE under the provisions of AR 310-31, can provide the following RAP potential (for decontamination service support for RAP, see d above):

Type of element	Number	Estimated degradation of mission capabilities (percentage)
Rear area security potential:		
Light rescue team A (squad) --	1	15
Area damage control potential:		
Ammunition recovery team ----	2	15

Strength. a. Level 1: Off 11 WO 10
EM 85 Aggr 106

b. Level 2: Off 11 WO 10
EM 75 Aggr 96

c. Level 3: Off 11 WO 10
EM 64 Aggr 85

Basis of allocation. a. When assigned to the field army, two per corps (one in a direct support role and one in a direct support/general support role).

b. Two per corps support brigade in support of an independent corps.

c. When employed in the COMMZ:

(1) Four battalions per eight-division field army slice of the theater.

(2) Six battalions per 12-division field army slice of the theater.

Category. II.

Mobility. Sixty-percent mobile; 100-percent mobile for organic personnel and equipment when using two lifts in administrative movement.

Remarks. PTOE 9-36G at ACSFOR, DA, for staffing at the time of preparation of this manual. When published, this unit will replace HHC, ammunition battalion, direct support/general support (TOE 9-86G).

9-38G (PTOE) Ammo Co, Convl

Mission. a. To provide general support conventional ammunition supply service to direct support ammunition units.

b. To provide direct support supply service to using units located in its area of responsibility.

Assignment. To FASCOM and TASCOT; normally attached to HHC, ammunition battalion, direct support/general support (TOE 9-36).

Capabilities. a. At level 1, this unit—

(1) Can issue conventional ammunition at an average daily rate of approximately 560 short tons with a total lift capability of 1,680 short tons.

(2) Performs limited maintenance and modification on conventional ammunition, components, and containers.

(3) Disposes of unserviceable conventional ammunition.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. When additional supply support capability is required, it will be provided by an MTOE under the provisions of AR 310-31.

(1) Additional materials-handling equipment, operating teams, and materials-handling equipment repair teams will be authorized from the TOE 29-500 and TOE 29-600 series.

(2) Additional ammunition handlers may be authorized to increase the ammunition-handling capability of the unit on the basis of 5 short tons per man per day.

(3) Appropriate mess and supply teams from TOE 29-500 must be provided when the company's authorized strength is increased by adding the various teams referred to above.

d. Operating elements of the company are staffed for two-shift operations.

e. This unit depends on the following units for the accomplishment of the stock control functions:

(1) When employed in the field army area, the corps support brigade stock control center.

(2) When employed in the COMMZ, the SMCOT inventory control center.

f. This unit, when authorized additional personnel and equipment by an MTOE under the provisions of AR 310-31, can provide the following RAP potential:

Type of element	Number	Estimated degradation of mission capabilities (percentage)
Rear area security potential:		
Light rescue team -----	2	20
Area damage control potential:		
Ammunition recovery team ----	3	10

g. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

- Strength.* a. Level 1: Off 5 WO 4
EM 306 Aggr 315
b. Level 2: Off 5 WO 4
EM 284 Aggr 293
c. Level 3: Off 5 WO 4
EM 256 Aggr 265
d. Type B: Off 5 WO 4
EM 183 Aggr 192

Basis of allocation. As required, based on the capabilities indicated in a above. For initial planning purposes—

a. To FASCOM on the basis of one per division plus two per four-division corps for a total of 18 per 12-division field army.

b. To TASCOT on the basis of four per four-division corps supported.

Category. II.

Mobility. Fifty-percent mobile; 100-percent mobile in organic vehicles when using two lifts in an administrative move. Additional 12-ton semi-trailers, with tractors, are provided from resources outside the company to move the forklift truck and 5-ton cranes that cannot be moved by organic transport within 2 hours.

Remarks. PTOE 9-38G at ACSFOR, DA, for staffing at the time of preparation of this manual. When published, this unit will replace ordnance

ammunition direct support/general support company (TOE 9-17G).

9-47G Ord Sp Ammo DS Co

Mission. a. To provide direct supply and technical assistance support to firing units in the combat and COMMZ for missiles and large rockets (including associated warheads), nuclear artillery shells (including propelling charges, ADM, and related nuclear weapon materiel to include repair parts for nuclear weapon test equipment).

b. To provide for evacuation of unserviceable mission items to higher level repair facilities.

Assignment. To FASCOM, TASCOC, COMMZ, or independent corps; normally attached to HHC, ammunition battalion, direct support/general support (TOE 9-86).

Capabilities. a. At levels 1 and 2, this unit provides—

(1) Support at two separate locations through the use of two storage and issue platoons. (The capabilities of these platoons are discussed in applicable classified publications.)

(2) Technical assistance to supported units to include in-storage monitoring of special ammunition. This assistance is by liaison parties.

(3) Receipt, storage, and issue of mission items.

(4) Security for the classified storage areas and for the movement of classified materiel between storage areas.

b. Units assigned to remote areas will be equipped with calibration manpower and equipment required to support their mission.

c. This unit is not adaptable to a type B organization.

d. At level 3, the storage capabilities are reduced by 50 percent.

e. This unit depends on an appropriate AG personnel service unit for processing personnel administrative actions to include classification, personal affairs, maintenance of personnel records, pay actions, personnel accounting, casualty reporting, rosters, and orders directing personnel actions.

f. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 7 WO 2
EM 187 Aggr 196

b. Level 2: Off 7 WO 2
EM 174 Aggr 183

c. Level 3: Off 7 WO 2
EM 141 Aggr 150

Basis of allocation. Two per corps and COMMZ, as required, based on the operation of two special ammunition supply points per company.

Category. II.

Mobility. One hundred-percent mobile. Transportation Corps support must be provided for movement of special ammunition stock that exceeds organic transport capabilities.

Remarks. This unit will be replaced by special ammunition supply company, missile (TOE 9-47G (Corrected Copy)), when published.

9-47G (Corr Cy) (PTOE) Sp Ammo Sup Co, Msl

Mission. a. To provide complete-round special ammunition and conventional ammunition direct supply support to nuclear-capable missile and large rocket firing units located in the combat zone or COMMZ.

b. To provide maintenance calibration and maintenance supply support for nuclear weapon test and handling equipment.

c. To provide technical assistance and technical supply support for both internal company operations and missile firing units.

d. To provide an evacuation channel to the general support level for all unserviceable ammunition, nuclear weapon test equipment, training items, and related materiel.

Assignment. To FASCOM, TASCOC, or independent corps; normally attached to HHC, ammunition battalion, direct support/general support (TOE 9-36).

Capabilities. a. At level 1, this unit can establish and operate two separate special ammunition supply points, which can provide complete missile and rocket support to include conventional ammunition for nuclear-capable missile firing units, and provide for—

(1) Receipt, storage, and issue of mission items.

(2) Security for classified storage areas and for movement of classified materiel between unit storage areas.

(3) Technical assistance to supported units. This assistance is made available by technical assistance teams on request.

b. This unit is not adaptable to a type B organization.

c. This unit is capable of 24-hour operation.

d. When employed in the field army area, this unit depends on the field service company, general support, forward (TOE 29-114), or the field service company, general support, army (TOE 29-124), for decontamination service support.

e. When employed in the COMMZ, this unit depends on the supply and service company, direct support (TOE 29-147), for decontamination service support.

f. Individuals of this organization can engage in limited coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 7 WO 6
EM 243 Aggr 256
b. Level 2: Off 7 WO 6
EM 218 Aggr 231
c. Level 3: Off 7 WO 6
EM 191 Aggr 204

Basis of allocation. a. Three or more per corps of the field army, as required.

b. In the COMMZ, as required for direct supply support.

Category. II.

Mobility. One hundred-percent mobile to include mission stocks. Transportation service support must be provided for movement of special ammunition stocks that exceed organic transportation capabilities.

Remarks. PTOE 9-47G (Corrected Copy) at ACSFOR, DA, for staffing at the time of preparation of this manual. When published, this unit will replace ordnance special ammunition direct support company (TOE 9-47G).

9-48G Ord Sp Ammo Co, GS/DS

Mission. a. To provide special ammunition general support to ammunition direct support units and special ammunition direct support to firing organization as required.

b. To provide complete-round direct and general supply support for low-density missiles (nuclear, chemical, and biological warheads), large rockets (nuclear, chemical, and biological warheads), nuclear projectiles, ADM, chemical lethal and incapacitating artillery shells, landmines, and bulk chemical agents and direct supply support for repair parts peculiar to special ammunition.

c. To provide direct support and general support maintenance for special ammunition and associated test and handling equipment to include maintenance calibration and repair, assembly

and disassembly, testing, and modification of nuclear weapons, components, and training materiel.

d. To provide for evacuation of unit stocks of reparable, unserviceable missile-peculiar electronic and mechanical assemblies and components to a guided-missile general support maintenance company or to designated CONUS facilities.

e. To provide for evacuation, demilitarization, salvage, and assistance in destruction of unreparable missiles, large rockets, and other special ammunition materiel.

f. To provide technical surveillance of chemical, biological, and nuclear ammunition during movement between supply installations, using specially trained surveillance personnel.

Assignment. To SMCOM, TASCOC; corps support brigade, FASCOM; or to COSCOM of an independent corps; normally attached to HHC, ammunition battalion, direct support/general support (TOE 9-36).

Capabilities. a. At level 1, this unit provides

(1) For receipt, storage, issue, and surveillance of special ammunition.

(2) Specially trained ammunition service personnel for the technical surveillance of chemical, biological, and nuclear ammunition during movement of such ammunition.

(3) For maintenance of mission items, including component replacement, modification, and disassembly and assembly of all components except missile-peculiar electronic, mechanical, and test equipment.

(4) Nuclear weapon assembly. (This information is classified SECRET and is published in FM 9-2A and FM 101-10-3. Distribution of this information is limited to those agencies and individuals whose duties require it.)

(5) Organizational maintenance for organic equipment.

(6) For evacuation of unserviceable missile-peculiar electronic and mechanical components to a guided-missile general support maintenance company.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) An AG personnel service unit for processing personnel administrative actions to include classification, personal affairs, maintenance of personnel records, pay actions, personnel accounting, casualty reporting, rosters, and orders directing personnel actions.

(2) A military police physical security company (TOE 19-97) that is attached to the ammunition battalion, direct support/general support, for security of classified operating areas and internal materiel movements and for communications incident to the unit delivery or pickup of special ammunition stocks.

(3) A field service general support company, forward (TOE 29-114), or a field service company, general support, army (TOE 29-124), for CBR decontamination services in support of normal CBR ammunition supply operations.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. *a.* Level 1: Off 6 WO 8
EM 160 Aggr 174
b. Level 2: Off 6 WO 8
EM 145 Aggr 159
c. Level 3: Off 6 WO 7
EM 129 Aggr 142

Basis of allocation. One per ammunition battalion, direct support/general support (TOE 9-36), in the combat zone and the COMMZ.

Category. II.

Mobility. One hundred-percent mobile for personnel, organic equipment, and supplies, excluding special ammunition stocks.

9-59G (FPTOE) Ord Co, GM GS Maint

Mission. *a.* To provide general support maintenance in a theater of operations for Nike-Hercules, Hawk, and Sergeant missile systems (less common items, nuclear materiel, and warheads, specifically guided-missile and associated ground-guidance, launching, handling, and test equipment).

b. To provide inspection, modification, and maintenance calibration for items in *a* above, if required, when in class V channels.

c. To provide overflow and backup direct support maintenance for missile firing units in the area, as required.

Assignment. To SMCOM and COSCOM; normally attached to HHC, ammunition battalion, direct support/general support (TOE 9-36).

Capabilities. *a.* At level 1, when composed of three mission platoons, this unit—

(1) Has maintenance support capabilities as follows:

(a) Four field artillery battalions, Sergeant.

(b) Four air defense artillery battalions, Nike-Hercules.

(c) Four air defense artillery battalions, Hawk.

(2) Assists in the performance of direct support maintenance that is beyond the capability of direct support units.

(3) Supports special-design test equipment assigned to ammunition companies for surveillance testing of missiles and rockets.

b. At level 2, the mission platoons can support —

(1) Two field artillery battalions, Sergeant.

(2) Two air defense artillery battalions, Nike-Hercules.

(3) Three air defense artillery battalions, Hawk.

c. At level 3, the mission platoons can support—

(1) One field artillery battalion, Sergeant.

(2) One air defense artillery battalion, Nike-Hercules.

(3) One air defense artillery battalion, Hawk.

d. At level 1, when composed of two mission platoons, this unit has maintenance support capabilities as follows:

(1) Four air defense artillery battalions, Nike-Hercules.

(2) Four air defense artillery battalions, Hawk.

e. At level 2, the mission platoons can support —

(1) Two air defense artillery battalions, Nike-Hercules.

(2) Three air defense artillery battalions, Hawk.

f. At level 3, the mission platoons can support —

(1) One air defense artillery battalion, Nike-Hercules.

(2) One air defense artillery battalion, Hawk.

g. This unit is not adaptable to a type B organization.

h. Rocket and missile support detachments (TOE 9-550) may be attached to this company to provide general support maintenance, as required, for Lance, Shillelagh, TOW, and Chaparral.

i. This unit normally stocks only those supplies required for internal maintenance operation.

j. This unit can operate on a 24-hour basis.

k. This unit depends on an AG personnel service unit for personnel administrative support.

l. This unit performs organizational maintenance on organic equipment.

m. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. *a.* Level 1: Off 5 WO 6
EM 267 Aggr 278
b. Level 2: Off 5 WO 6
EM 228 Aggr 239
c. Level 3: Off 5 WO 6
EM 194 Aggr 205

Basis of allocation. One per corps and two per COMMZ in support of a two-corps field army. More may be assigned when equipment densities dictate.

Category. II.

Mobility. One hundred-percent mobile with organic vehicles when using two lifts.

Remarks. FPTOE 9-59G approved by ACSF-OR, DA, for publication and distribution at the time of preparation of this manual.

9-86G HHC, Ammo Bn, DS/GS

Mission. *a.* To provide command and administrative, tactical, and technical supervision for conventional, special ammunition, and guided-missile support companies and other attached units.

b. To accomplish stock control for class V materiel and missile items and to control class II and IV special ammunition items.

c. To reconnoiter, identify, render safe, recover, and field evacuate U.S. and foreign explosive items such as bombs; shells; rockets; guided missiles; and nuclear, chemical, or biological weapons, as directed.

d. To receive and disseminate technical information and requirements to subordinate units.

Assignment. To FASCOM, COSCOM, or independent corps; normally attached to HHC, ammunition direct support/general support group (TOE 9-22).

Capabilities. *a.* This unit—

(1) Commands a combination of seven conventional ammunition, special ammunition, or missile support companies as follows:

(a) When organized as a direct support battalion, two ordnance special ammunition direct support companies (TOE 9-47), two ordnance ammunition direct support/general support companies (TOE 9-17), and an ordnance guided-missile direct support company (TOE 9-247).

(b) When organized as a direct support/general support battalion, one ordnance special ammunition general support company (TOE 9-87), one ordnance guided-missile general support company (TOE 9-227), four ordnance ammunition direct support/general support companies (TOE 9-17), and an attached military police physical security company (TOE 19-97).

(2) Accomplishes stock control for approximately 2,236 line items of class II, IV, and V materiel at level 1 and approximately 1,900 line items at level 2.

(3) Accomplishes disposal of latent explosive ordnance such as bombs; shells; rockets; guided missiles; and nuclear, chemical, or biological weapons, as directed.

(4) Exercises staff supervision and control of guided-missile and related supply and maintenance activities of attached units. Also provides technical assistance to supported units, as required.

(5) Operates on a 24-hour basis.

b. At level 3, this unit's stock control capability is reduced to approximately 1,750 line items of class II, IV, and V materiel.

c. This unit is not adaptable to a type B organization.

d. This unit depends on—

(1) An AG personnel service unit for processing personnel administrative actions to include classification, personal affairs, maintenance of personnel records, pay actions, personnel accounting, casualty reporting, rosters, and orders directing personnel actions.

(2) The area signal center for data transceiver teams, as required.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. *a.* Level 1: Off 16 WO 1
EM 107 Aggr 124
b. Level 2: Off 16 WO 1
EM 100 Aggr 117
c. Level 3: Off 15 WO 1
EM 88 Aggr 104

Basis of allocation. One per four to seven conventional ammunition, special ammunition, or missile support companies.

Category. II.

Mobility. Seventy-five-percent mobile.

Remarks. This unit will be replaced by HHC, ammunition battalion, direct support/general support (TOE 9-36G), when published.

9-117G Tire Rep Co

Mission. To receive, inspect, segregate, classify, and accomplish sectional repair of pneumatic tires ranging in size from 700/16 to 3950/39 and to repair all sizes of tubes for return to supply channels. (This approximates 95 percent of the tires in use in the field army.)

Assignment. To army support brigade; normally attached to HHD, general support maintenance battalion (TOE 29-136).

Capabilities. a. At level 1, this unit—

(1) Performs approximately 300 sectional and spot repairs on tires as well as some 600 tube repairs daily, or 47,900 maintenance equivalents.

(2) Has platoons that may be employed in separate locations in the COMMZ and in the army service area to the rear of each corps. The platoons will require mess support when separately deployed.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. This unit performs organizational maintenance on its organic equipment.

d. This unit depends on an AG personnel service unit for all personnel administrative services.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 5 EM 155
Aggr 160

b. Level 2: Off 5 EM 146
Aggr 151

c. Level 3: Off 5 EM 137
Aggr 142

d. Type B: Off 5 EM 86
Aggr 91

Basis of allocation. One per typical field army located in the army service area and one per SMCOM, TASCOT.

Category. II.

Mobility. Fifty-percent mobile.

9-227E Ord GM GS Co

Mission. a. To provide general support missile system maintenance in a theater of operations for all components of Sergeant, Nike-Hercules, and Hawk missile systems (less nuclear components) to include associated guidance, launching, handling, and test equipment.

b. When augmented by the Pershing support platoon, to provide general support maintenance

in a theater of operations for all components (less nuclear) of the Pershing missile and all materiel of the ground support equipment.

c. To provide repair parts and maintenance supply support for direct support missile units for Sergeant, Nike-Hercules, Pershing, and Hawk missile systems.

d. To provide inspection, modification, and maintenance for missiles, missile components (less nuclear), and repair parts in the theater class V supply system.

Assignment. a. To FASCOM; normally attached to HHC, ammunition battalion, direct support/general support (TOE 9-86).

b. To COMMZ.

Capabilities. a. At full strength, this unit includes three platoons consisting of Sergeant, Nike-Hercules, and Hawk or any combination, as required. The support platoon's maintenance capabilities are as follows:

(1) From one to three field artillery battalions, Sergeant.

(2) From one to three air defense artillery battalions, Nike-Hercules.

(3) From one to three air defense artillery battalions, Hawk.

(4) Provides inspection tests and modification for theater missiles (less nuclear components).

(5) Assists in the performance of maintenance that is beyond the capability of the support units.

b. At reduced strength, the support capability is limited to a combination of two of the systems indicated in a above.

c. This unit is not adaptable to a type B organization.

d. Missile system support platoons are included, as required, to fulfill specific support missions.

e. When augmented by the Pershing support platoon, provides general support maintenance for one or two field artillery battalions, Pershing. (Off 1 WO 2 EM 39 Aggr 42)

f. This unit depends on an AG personnel service unit for processing personnel administrative actions to include classification, personal affairs, maintenance of personnel records, pay actions, personnel accounting, casualty reporting, rosters, and orders directing personnel actions.

g. This unit operates on a 24-hour basis.

h. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Full: 21t Off 6 WO 7
EM 189 Aggr 202
b. Reduced: Off 6 WO 7
EM 171 Aggr 184

Basis of allocation. a. One or more per corps, located in the army service area, as required by system densities.

b. Two or more per COMMZ, as required by system densities, and with technical capability, as required by the type of system supported.

Category. II.

Mobility. One hundred-percent mobile for organic personnel. Transportation Corps support must be provided for movement of repair parts and maintenance supplies and one test shop semi-trailer.

9-247G Ord GM DS Co

Mission. To provide direct support maintenance and supply support for firing units and special ammunition supply points for Nike-Hercules and Hawk components, except nuclear, to include associated ground-guidance, launching, test, and handling equipment (including engineer, ordnance, and signal).

Assignment. To FASCOM; normally attached to HHC, ammunition battalion, direct support/general support (TOE 9-86). When employed with an independent corps task force, assigned to COSCOM.

Capabilities. a. At level 1, this unit—

(1) Provides technical assistance to firing units and special ammunition supply points.

(2) Provides repair parts and maintenance supply support for the supported units.

(3) Maintains an operational readiness float of selected items.

(4) Provides direct support for approximately 300 motor vehicle equivalents essential to missile systems.

(5) Provides maintenance calibration to supported units.

b. This unit is not adaptable to a type B organization.

c. This unit can operate on a 24-hour basis.

d. This unit depends on an appropriate AG personnel service unit for processing personnel administrative actions to include classification, personal affairs, maintenance of personnel records, pay actions, personnel accounting, casualty reporting, rosters, and orders directing personnel actions.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 6 WO 8
EM 222 Aggr 236
b. Level 2: Off 6 WO 8
EM 198 Aggr 212
c. Level 3: Off 5 WO 8
EM 179 Aggr 192

Basis of allocation. Two per corps.

Category. II.

Mobility. One hundred-percent mobile.

9-500D Ord Svc Org

Mission. To provide balanced and flexible ordnance support under the following conditions:

a. To perform ordnance technical and service functions where units of less than company size are required.

b. To increase the productive capability of fixed-strength units where increments of less than company size are needed. These detachments are designed to provide organizations that differ in size and composition depending on the tactical and logistic considerations involved.

c. To perform specialized ordnance technical and service functions when no comparable standard TOE exists. These units must be included in troop list planning and activated at the same time as other standard units.

d. To provide command and administrative personnel for ordnance composite units.

Assignment. Assigned or attached to fixed-strength units or HQ or may be organized into service units to perform ordnance technical and service functions under varying conditions. With the exception of detachments AB and AC, these detachments cannot perform their own administration.

Capabilities. a. The capabilities of units organized under this TOE will vary with the size and groupings of the detachments used. Capabilities for each individual detachment are as indicated in the detailed breakdown of detachments below.

b. Mess and organizational automotive maintenance detachments will be drawn from TOE 29-500 and TOE 29-600. The basis for computation of required detachments will be the number of personnel messed and the number of automotive major item equivalents requiring organizational maintenance.

Strength. See individual detachments below for strengths.

Basis of allocation. Allocations for individual detachments are as indicated in the detailed breakdown of detachments below.

Category. The category of each detachment depends on the fixed-strength units to which assigned or other varying conditions under which the detachments may operate.

Mobility. The degree of mobility must be computed for each specific combination of detachments and/or composite units to be used.

Detailed Breakdown of detachments

Part 1—Administrative detachments

Detachments AA—AC

Detachment AA, platoon headquarters, component

Capabilities. Provides command and administrative control for two or more detachments that operate as a component of a larger organization.

Strength. Off 1 EM 1 Aggr 2

Basis of allocation. One per two or more detachments of a total strength not less than 40 individuals that operate as a component of a larger administrative organization and to which no officer is organically assigned.

Detachment AB, platoon headquarters, separate

Capabilities. Provides command and administrative control for two or more detachments that operate separately.

Strength. Off 1 EM 3 Aggr 4

Basis of allocation. One per two or more detachments of a total strength not less than 40 individuals that operate separately and to which no officer is organically assigned.

Detachment AC, company headquarters

Capabilities. Provides command and administrative control for two or more platoons.

Strength. Off 1 EM 6 Aggr 7

Basis of allocation. One per two or more platoons, provided that the total company strength will be at least 100 individuals.

Part 2—Supply and Stock Control Detachments **Detachments BA, BC, and BD**

Detachment BA, general supply

Capabilities. Can issue or ship 10 short tons of ordnance class II and IV supplies per day and concurrently perform all the operations incident to the receipt and storage thereof.

Strength. Off 1 EM 15 Aggr 16

Basis of allocation. One per 10 short tons to

be handled in a direct support role, where required.

Detachment BC, stock control, class V

Capabilities. Performs theater stock control of class V supply for a theater of 400,000 troops. Normally operates under the supervision of the theater ordnance officer; performs ordnance technical assistance service necessary to accomplish the mission of the detachment.

Strength. Off 3 EM 18 Aggr 21

Basis of allocation. One per theater and/or COMMZ in support of 400,000 troops.

Detachment BD, stock control, classes II and IV

Capabilities. Performs theater stock control of class II and IV ordnance materiel for a theater in support of 400,000 troops. Normally operates under the supervision of the theater ordnance officer; performs ordnance technical assistance service necessary to accomplish the mission of the detachment. Must be augmented with an appropriate data processing detachment from TOE 29-500 to perform its mission.

Strength. Off 7 EM 28 Aggr 35

Basis of allocation. One per theater and/or COMMZ in support of 400,000 troops.

Part 4—Armament Maintenance Detachments **Detachments EC—EE**

Detachment EC, air defense artillery repair

Capabilities. Performs field maintenance on air defense artillery pieces (40-mm, 75-mm, 90-mm, or 120-mm) and mounts only. Field maintenance for electrical remote control systems must be provided by appropriate fire control or integrated fire control repair detachments.

Strength. WO 1 EM 8 Aggr 9

Basis of allocation. One per three air defense artillery battalions not otherwise supported for ordnance maintenance of air defense artillery weapons.

Detachment ED, integrated fire control repair, M-33

Capabilities. Performs field maintenance on integrated fire control system, M-33, used with air defense artillery.

Strength. WO 1 EM 12 Aggr 13

Basis of allocation. One per 12 sets integrated fire control system, M-33.

Detachment EE, integrated fire control repair, M-38

Capabilities. Performs field maintenance on integrated fire control system, M-38, used with air defense artillery.

Strength. WO 1 EM 10 Aggr 11

Basis of allocation. One per 18 sets integrated fire control system, M-38.

Part 5—Missile Direct Support Detachments Detachments FA and FD

Detachment FA, direct support, Nike-Hercules

Capabilities. Provides direct support maintenance in a theater of operations for all nonexplosive components of the Nike-Hercules missile systems and all ordnance materiel of the missile and ground-guidance, launching, and handling equipment not allied with automotive or conventional mechanical equipment for one Nike firing battalion. Repairs ordnance user test equipment, limited only by the availability of qualified personnel and test equipment. This detachment can provide technical assistance service and mobile repair detachments for repair activities in the battalion or battery operating area. Provides assistance to special ammunition supply points by performing serviceability checks and repairs defective electronic and hydraulic components of the missile in storage to insure ready-to-issue condition. Requisitions, receives, stores, and issues class II and IV repair parts peculiar to the Nike missile system and provides an operational readiness float of selected end items of equipment for direct exchange with using units. Can perform organizational maintenance on own basic load of equipment and field maintenance on organic tools and test equipment, except for automotive materiel.

Strength. Off 1 WO 2 EM 41 Aggr 44

Basis of allocation. One per air defense artillery battalion NIKE-Hercules (TOE 44-535). As required to support air defense artillery battalion, Nike-Hercules, CONUS (TOE 44-545).

Detachment FD, heavy rocket support, class V

Capabilities. a. Provides technical assistance and heavy rocket maintenance for supported organizations.

b. Performs inspection, surveillance, modification, receipt, storage, and issue of class V components (less nuclear warheads) of solid propellant heavy rockets, including boosters, heavy rocket motors, JATO, nonnuclear warheads, and associated class V items.

c. Provides support from a single location for using units and/or other ordnance units based on the following densities:

(1) From eight to 10 Little John four launcher units (or equivalent), or

(2) From four to six Honest John four launcher units (or equivalent), or

(3) Any combination of Little John and Honest John batteries totaling not more than eight, or

(4) Two ammunition supply points, or

(5) Two special ammunition supply points, or

(6) One class V depot.

d. When required, provides solid propellant rocket motor maintenance support for other solid propellant missiles and rockets within the limitations of its capability.

Strength. WO 1 EM 33 Aggr 34

Basis of allocation. a. One per ordnance ammunition direct support/general support company (TOE 9-17), when required.

b. One per ordnance special ammunition direct support company (TOE 9-47), when required.

c. One per ordnance special ammunition general support company (TOE 9-87), when required.

d. To an independent corps or separate task force on the following basis:

(1) One per eight Little John four launcher units (or equivalent) supported.

(2) One per four Honest John four launcher units (or equivalent) supported.

Part 6—Missile General Support Detachment

Detachment GA, Nike general support

Capabilities. Provides general support maintenance for all nonexplosive components of Nike missiles and all ordnance materiel of the ground-guidance, launching, and handling equipment, except for automotive equipment. Provides general support maintenance for a maximum of four Nike direct support detachments.

Strength. Off 1 WO 2 EM 43 Aggr 46

Basis of allocation. One per maximum of four Nike direct support detachments FA.

Part 8—EOD Detachments

Detachments KA—KC

Detachment KA, explosive ordnance disposal

Capabilities. Disposes of latent explosive ordnance such as bombs, shells, rockets, and guided missiles in all areas under theater control. To increase its capabilities, the detachment may be augmented with additional personnel and heavy equipment by detachment KB.

Strength. Off 1 EM 9 Aggr 10

Basis of allocation. One per army, corps, or 30,000 troops; additional, as necessary.

Detachment KB, explosive ordnance disposal, augmentation

Capabilities. Augments detachment KA to increase its capabilities by the addition of personnel and heavy equipment to provide a detachment capable of clearing areas subjected to saturation bombing or shelling, clearing burned ammunition dumps, or other assignments of a comparable nature. Additional equipment may be provided, as necessary, for specific assignments on a class IV basis. Can perform emergency disposal missions within equipment capabilities and may be required to perform disposal operations independent of detachment KA, as directed by detachment KC.

Strength. Off 2 EM 12 Aggr 14

Basis of allocation. For minimum planning, one per eight detachments KA, or as otherwise required.

Detachment KC, explosive ordnance disposal, control

Capabilities. Operates a control center for the receipt of explosive ordnance incident reports, the scheduling of disposal operations, the dispatch of disposal detachments to effect disposal, the receipt of completion reports and the routing of information of technical intelligence value. Supervises from eight to 10 EOD detachments. May perform emergency disposal missions within equipment capabilities.

Strength. Off 2 EM 6 Aggr 8

Basis of allocation. One per army, COMMZ area, or one per eight detachments KA and/or KB; additional, as required.

Note. Detachments KA, KB, and KC will be replaced by explosive ordnance disposal detachments (TOE 9-520G), when published.

Part 9—Ballistic Technical Service and Intelligence Detachments Detachments LA—LC

Detachment LA, ballistic and technical service

Capabilities. Measures muzzle velocities of all artillery weapons requiring such service; calibrates all types of artillery weapons for velocity error to insure maximum fire effectiveness; gives technical advice relative to the accuracy life of gun and howitzer tubes and recommends replacement, when needed. Cannot perform metallography to determine the life expectancy of gun and howitzer tubes. Gives technical advice on ammunition lots to determine their ballistic correctness.

Strength. Off 1 EM 6 Aggr 7

Basis of allocation. To the combat zone or COMMZ, as directed by the theater commander.

Detachment LB, technical intelligence

Capabilities. Locates, collects, examines, and reports on foreign ordnance materiel for dissemination of data and information to the proper agencies for evaluation, interpretation, and necessary action. Furnishes technical information to immediate commander and higher HQ.

Strength. Off 2 EM 4 Aggr 6

Basis of allocation. One per army and corps; attached to commands, as required, to accomplish their mission.

Detachment LC, technical intelligence, control

Capabilities. Operates a control center for receipt of technical intelligence reports and the evaluation and dissemination of intelligence derived therefrom. Maintains liaison with comparable organizations of other Services and with the G2.

Strength. Off 3 EM 8 Aggr 11

Basis of allocation. One per army or one per six to eight detachments LB, as required.

9-520G (FPTOE) EOD Dets

Mission. To provide balanced and flexible EOD support under the following conditions:

a. To provide EOD support functions where units of less than company size are required.

b. To increase the productive capability of fixed-strength units where increments of less than company size are needed. These detachments are designed to provide organizations that differ in size and composition depending on the tactical and logistic considerations involved.

c. To perform specialized EOD functions when no comparable standard TOE exists. These units must be included in troop planning.

Assignment. Assigned or attached to fixed-strength units or HQ or may be organized into service units to perform EOD functions under varying conditions.

Capabilities. a. The capabilities of units organized under this TOE will vary with the size and groupings of the detachments used. Capabilities for each individual detachment are as indicated in the detailed breakdown of detachments below.

b. These detachments are not adaptable to levels 2 and 3 or to a type B organization.

c. See TOE 29-500 for appropriate administrative control detachments required for control purposes of two or more detachments listed

herein. Appropriate MOS will be awarded for each position in the administrative control detachment based on the major activity supervised.

d. When required, mess, organizational supply, and organizational maintenance detachments may be drawn from TOE 29-500 and TOE 29-600 series. (See TOE 29-500 and TOE 29-600 series for basis of computation.)

Strength. See individual detachments below for strengths.

Basis of allocation. Allocations for individual detachments are as indicated in the detailed breakdown of detachments below.

Category. The category of each detachment will depend on the units to which assigned or other varying conditions under which the detachments may operate.

Mobility. One hundred-percent mobile.

Remarks. FPTOE 9-520G at TAG for publication and distribution at the time of preparation of this manual. When published, this unit will replace detachments KA, KB, and KC (TOE 9-500D).

Detailed Breakdown of Detachments Detachments GA—GC

Detachment GA, explosive ordnance disposal

Capabilities. Can neutralize and dispose of all types of unexploded ordnance such as bombs, warheads, guided missiles, rockets, artillery, small-arms and mortar ammunition, antipersonnel and antimateriel landmines, demolition charges, pyrotechnics, rifle and hand grenades, torpedoes, depth charges, and all other similar or related items or components, explosive in nature, designed to cause damage to personnel or materiel. This includes all ammunition containing high explosives; nuclear; fissionable materiel; and CBR agents. Also can neutralize and dispose of explosive ordnance rendered hazardous by damage or deterioration when the disposal of such items is determined by the local command to be beyond the capabilities of personnel normally assigned the responsibilities for routine destruction.

Strength. Off 1 EM 12 Aggr 13

Basis of allocation. One per 80,000 troops to be supported, as required.

Detachment GB, explosive ordnance disposal, control

Capabilities. *a.* May serve as composite detachment HQ for from three to nine TOE detachments.

b. Supervises all EOD operational activities within an assigned area of responsibility.

c. Operates a control center for the receipt of explosive ordnance incident and completion reports, the scheduling and control of disposal operations of subordinate units, and the routing of information of technical intelligence value.

d. May perform emergency disposal missions within personnel and equipment capabilities.

Strength. Off 2 EM 9 Aggr 11

Basis of allocation. One per three to nine detachments GA, as required.

Detachment GC, munition safety control

Capabilities. Provides one team for inspection of chemical and biological munitions within the responsibility of a general support ammunition battalion, four teams for escort of air shipments, two teams for escort of from one to five trucks each, one team for escort of up to 20 railcars, one team per barge or small craft, two teams for demilitarization of chemical and biological munitions, one team for destruction of chemical and biological munitions within the responsibility of a general support ammunition battalion, two teams for deactivation of chemical and biological munitions within the responsibility of a general support ammunition battalion, or two teams for safety operations during the loading or unloading of chemical and biological munitions.

Strength. Off 1 EM 9 Aggr 10

Basis of allocation. As required in the ammunition group or ammunition depots.

9-530G Ammo Sup and Renv Dets

Mission. To provide balanced and flexible ammunition supply or renovation support under the following conditions:

a. To perform ammunition supply or renovation support functions where units of less than company size are required.

b. To increase the productive capability of fixed-strength units where increments of less than company size are needed. These detachments are designed to provide organizations that differ in size and composition depending on the tactical and logistic considerations involved.

c. To perform specialized ammunition supply or renovation functions when no comparable standard TOE exists. These units must be included in troop list planning.

Assignment. Assigned or attached to fixed-strength units or HQ or may be organized into

service units to perform ammunition supply or renovation functions under varying conditions.

Capabilities. a. The capabilities of units organized under this TOE will vary with the size and groupings of the detachments used. Capabilities for each individual detachment are as indicated in the detailed breakdown of detachments below.

b. These detachments are not adaptable to levels 2 and 3 or to a type B organization.

c. See TOE 29-500 for appropriate administrative control detachments required for control purposes of two or more detachments listed herein. Appropriate MOS will be awarded for each position in the administrative control detachment based on the major activity supervised.

d. When required, mess, organizational supply, and organizational maintenance detachments may be drawn from TOE 29-500 and TOE 29-600 series. (See TOE 29-500 and TOE 29-600 series for basis of computation.)

Strength. See individual detachments below for strengths.

Basis of allocation. Allocations for individual detachments are as indicated in the detailed breakdown of detachments below.

Category. The category of each detachment will depend on the units to which assigned or other varying conditions under which the detachments may operate.

Mobility. See individual detachments below for mobility.

Detailed Breakdown of Detachments Detachments BA—BC

Detachment BA, ammunition supply

Capability. Can issue and receive 20 short tons of ammunition per day. One man can handle 5 short tons per day.

Strength. EM 7

Basis of allocation. One per special forces unit, as required.

Mobility. One hundred-percent mobile.

Detachment BB, ammunition supply

Capabilities. Can issue and receive 200 short tons of ammunition per day. One man can handle 5 short tons per day. One forklift can lift 50 short tons.

Strength. WO 1 EM 28 Aggr 29

Basis of allocation. One per 200 tons of ammunition to be handled per day, as required.

Mobility. One hundred-percent mobile.

Detachment BC, ammunition renovation

Capabilities. Inspects and renovates all types of ammunition. The scope of renovation is limited only by the equipment on hand and the capabilities of personnel available.

Strength. Off 1 WO 1 EM 63 Aggr 65

Basis of allocation. Normally one per six ammunition companies employed within the COMMZ. May be assigned to a theater of operations, as required.

Mobility. Sixty-percent mobile.

9-540G NUCWPN Spt Dets

Mission. To provide balanced and flexible nuclear weapon support under the following conditions:

a. To perform nuclear weapon support functions where units of less than company size are required.

b. To increase the productive capability of fixed-strength units where increments of less than company size are needed. These detachments are designed to provide organizations that differ in size and composition depending on the tactical and logistic considerations involved.

c. To perform specialized nuclear weapon support functions when no comparable standard TOE exists. These units must be included in troop list planning.

Assignment. Assigned or attached to fixed-strength units or HQ or may be organized into service units to perform nuclear weapon support functions under varying conditions.

Capabilities. a. The capabilities of units organized under this TOE will vary with the size and groupings of the detachments used. Capabilities for each individual detachment are as indicated in the detailed breakdown of detachments below.

b. These detachments are not adaptable to levels 2 and 3 or to a type B organization.

c. See TOE 29-500 for appropriate administrative control detachments required for control purposes of two or more detachments listed herein. Appropriate MOS will be awarded for each position in the administrative control detachment based on the major activity supervised.

d. When required, mess, organizational supply, and organizational maintenance detachments may be drawn from TOE 29-500 and TOE 29-600 series. (See TOE 29-500 and TOE 29-600 series for basis of computation.)

Strength. See individual detachments below for strengths.

Basis of allocation. Allocations for individual detachments are as indicated in the detailed breakdown of detachments below.

Category. The category of each detachment will depend on the units to which assigned or other varying conditions under which the detachments may operate.

Mobility. See individual detachments below for mobility.

Detailed Breakdown of Detachments Detachments EA and EB

Detachment EA, nuclear weapon support

Capabilities. Establishes and performs nuclear weapon maintenance and surveillance operations to include inspection, disassembly, assembly, repair, and modification of nuclear warhead sections, nuclear projectiles, nuclear components, and related materiel. Performs maintenance calibration and general support maintenance on nuclear test and handling equipment for the parent unit and supported units. Provides facilities for controlling the receipt, storage, and issue of approximately 2,500 line items. From a technical standpoint, the capabilities of this unit approximate those of the ordnance special ammunition general support company (TOE 9-87).

Strength. Off 3 WO 2 EM 26 Aggr 31

Basis of allocation. As required to augment the capabilities of an ordnance special ammunition general support company, due to weapon density. As required to provide a nuclear weapon assembly capability to a special task force or an ordnance special ammunition direct support company. When operating separately, this detachment must be augmented by the attachment of appropriate security personnel.

Mobility. One hundred-percent mobile.

Detachment EB, nuclear weapon support, augmentation

Capabilities. Augments detachment EA to increase its capabilities by the addition of personnel in support of maintenance operations at one location on a two-shift basis.

Strength. WO 2 EM 8 Aggr 10

Basis of allocation. Used only to augment detachment EA to increase its capability by 100 percent.

Mobility. Fixed.

9-550T Rkt and Msl Spt Dets

Mission. a. To provide direct support or general support for rocket and missile system

maintenance (less warheads and warhead adaptation kits) for heavy rockets; Shillelagh, Redeye, Lance, and Chaparral missile systems; Vulcan electronics; and forward area alerting radars (FAAR). This support includes system electronics, missile ground guidance, missile handling and launching equipment, and system test equipment repair and maintenance calibration.

b. To perform rocket and missile technical and service functions where units of less than company size are required.

c. To provide contact support to assist in the inspection and maintenance of supported missiles in class V channels, as required, for Lance, Redeye, and Chaparral systems.

Assignment. Detachments will be assigned or attached to fixed-strength missile, maintenance, or ammunition units of HQ or may be organized into service units to perform technical and service functions under varying conditions.

Capabilities. a. The capabilities of units organized under this TOE will vary with the size and groupings of the detachments used. Capabilities for each individual detachment are as indicated in the detailed breakdown of detachments below.

b. When administrative control, mess, organizational supply, and organizational maintenance detachments are required, they may be drawn from TOE 29-500 and TOE 29-600 series, as applicable. (See TOE 29-500 and TOE 29-600 series for basis of computation.)

c. These units are not adaptable to levels 2 and 3 or to a type B organization.

d. Individuals of this organization can engage in effective, coordinated defense of their area or installation.

Strength. See individual detachments below for strengths.

Basis of allocation. Allocations for individual detachments are as indicated in the detailed breakdown of detachments below.

Category. The category of each detachment depends on the units or HQ to which assigned or other varying conditions under which the detachments may operate.

Mobility. One hundred-percent mobile.

Detailed Breakdown of Detachments Detachments EA-EN

Detachment EA, heavy rocket support, class V

Capabilities. a. Provides technical assistance and heavy rocket maintenance for supported organizations. Performs inspection, surveillance,

modification, receipt, storage, and issue of class V components (less nuclear warheads) of solid propellant heavy rockets, including boosters, heavy rocket motors, JATO, nonnuclear warheads, and associated class V items. Provides support from a single location to using units and/or other ordnance units based on the following densities:

- (1) From eight to 10 Little John four launcher units (or equivalent), or
- (2) From four to six Honest John four launcher units (or equivalent), or
- (3) Any combination of Little John and Honest John batteries totaling no more than eight, or
- (4) Two ammunition supply points, or
- (5) Two special ammunition supply points, or
- (6) One class V depot.

b. When required, can provide solid propellant rocket motor maintenance support for other solid propellant missiles and rockets within the limitations of its capability.

Strength. WO 1 EM 34 Aggr 35

Basis of allocation. When required, one per ordnance ammunition direct support/general support company (TOE 9-17), ordnance special ammunition direct support company (TOE 9-47), or ordnance special ammunition general support company (TOE 9-87); or to an independent corps or separate task force on the following basis:

- a. One per eight Little John four launcher units (or equivalent) supported.
- b. One per four Honest John four launcher units (or equivalent) supported.

Note. Units should be organized less the storage and supply personnel when attached to TOE 9-87.

Detachment EB, headquarters, small missile maintenance support, direct support/general support

Capabilities. a. Provides command and control and overall supervision for cellular-type direct support and general support maintenance and contact team detachments in the field army for all components (less warheads and warhead adaption kits) of divisional types of missile systems, FAAR and Vulcan gun system radar and electronics. Can be assigned either a direct support or general support mission.

b. Commands and controls the following types of detachments:

- (1) One land combat support system test and maintenance detachment (EC).

(2) One missile maintenance support section consisting of missile maintenance support section HQ (detachment ED); Shillelagh missile maintenance support section (detachment EE); Redeye missile maintenance support section (detachment EF); and Lance missile maintenance support section (detachment EG).

(3) Two or more Shillelagh maintenance contact teams (detachments EH).

(4) Two or more Redeye maintenance contact teams (detachments EI).

(5) One or more Lance maintenance contact teams (detachment EJ).

(6) One Chaparral/Vulcan/FAAR maintenance support section HQ (detachment EK) and one or two contact teams each for Chaparral (detachment EL), Vulcan (detachment EM), and FAAR (detachment EN).

(7) Other contact teams that provide either direct support or general support maintenance for new divisional types of missile systems entering the Army's inventory.

c. Depends on the unit to which assigned or attached for organizational maintenance, personnel services, and mess support.

d. Provides a missile maintenance staff officer for the battalion to which assigned.

Strength. Off 3 EM 12 Aggr 15

Basis of allocation. Normally one per division (direct support); two per corps slice when assigned in a direct support role; one per corps slice when assigned in a general support role; and as required in COMMZ.

Detachment EC, land combat support system test and maintenance, direct support/general support

Capabilities. a. Provides direct support or general support maintenance for all components (less warheads and warhead sections) of the divisional types of missile systems in the field army. Maintenance support of these missile systems will use the land combat support system and other associated system-peculiar test equipment.

b. Provides retail supply support for nonexplosive components and repair parts for missile systems, land combat support system, and missile-peculiar test equipment. Also provides supply support for mission items for organic ship operations and organizational missile-peculiar repair parts and components for the supported units.

c. Provides for the operation, inspection, maintenance, and repair of the land combat support system.

d. Provides for the inspection and test of assemblies, subassemblies, and components for missile systems.

e. Provides supervision for the maintenance mission of the assigned detachments, to include maintenance of required records, quality control, and shop production control on items processed through the detachments.

Strength. WO 1 EM 39 Aggr 40

Basis of allocation. Normally assigned on a one-for-one basis with detachment EB.

Detachment ED, missile maintenance support section headquarters

Capabilities. a. Provides technical control and supervision of the Shillelagh, Redeye, and Lance missile maintenance support sections in the inspection, testing, modification, repair, and the functions incident to the maintenance of electronic and mechanical components (less warheads) of the Shillelagh, Redeye, and Lance missile systems.

b. Can technically control and supervise the following:

(1) One Shillelagh missile maintenance support section.

(2) One Redeye missile maintenance support section.

(3) One Lance missile maintenance support section.

(4) Other missile maintenance support sections that will provide either direct support or general support maintenance for new divisional types of missile systems entering the Army's inventory.

Strength. WO 1 EM 1 Aggr 2

Basis of allocation. Normally assigned on a one-for-one basis with detachment EB.

Detachment EE, Shillelagh missile maintenance support section

Capabilities. a. Provides for the inspection, testing, modification, and repair and the functions incident to the maintenance of electronic and mechanical nonexplosive components on the Shillelagh missile system.

b. Provides electronic maintenance support for class II and IV and technical assistance to ammunition companies for Shillelagh test equipment.

c. Provides maintenance support for missile trainers and conduct of fire trainers peculiar to the Shillelagh missile system.

d. Provides for the repair of all missile-system-peculiar test equipment used by ammunition

companies for surveillance testing of Shillelagh missiles.

Strength. EM 6

Basis of allocation. Normally assigned on a one-for-one basis with detachment EB.

Detachment EF, Redeye missile maintenance support section

Capabilities. a. Provides for the inspection, testing, modification, and repair and the functions incident to the maintenance of electronic and mechanical nonexplosive components on the Redeye missile system.

b. Provides electronic maintenance support for class II and IV and technical assistance to ammunition companies for Redeye missiles.

c. Provides for the repair of all missile-system-peculiar test equipment used by the contact teams for surveillance testing of Redeye missiles.

Strength. EM 3

Basis of allocation. Normally assigned on a one-for-one basis with detachment EB in the corps area.

Detachment EG, Lance missile maintenance support section

Capabilities. a. Provides for the inspection, testing, modification, and repair and the functions incident to the maintenance of electronic and mechanical components on the Lance missile system.

b. Provides electronic maintenance support for class II and IV and technical assistance to ammunition companies for Lance missiles.

c. Provides for the repair of all missile-system-peculiar test equipment used by the contact teams for surveillance testing of Lance missiles.

Strength. EM 4

Basis of allocation. Normally assigned on a one-for-one basis with detachment EB.

Detachment EH, Shillelagh maintenance contact team, direct support/general support.

Capabilities. a. Provides onsite repair or replacement for all nonexplosive components and missile-system-peculiar test equipment and conduct of fire trainers to the units assigned the Shillelagh missile system.

b. Provides technical assistance required by using units and the Shillelagh missile system.

c. Provides a direct exchange of nonexplosive, missile-system-peculiar assemblies, subassemblies, and components on a repair-and-return basis to supported units.

d. In conjunction with detachments ED and EC, can support 27 Shillelagh systems when as-

signed in the direct support role and 100 Shillelagh systems when assigned in the general support role.

Strength. EM 2

Basis of allocation. One per 27 Shillelagh systems supported in the direct support role and one per 100 Shillelagh systems supported in the general support role. Normally assigned with detachments EB, EC, and ED.

Detachment EI, Redeye maintenance contact team, direct support/general support

Capabilities. a. Provides onsite repair or replacement for all nonexplosive components and missile-system-peculiar equipment and trainers (XM49) to the units assigned and the ammunition units supporting the Redeye missile system.

b. Provides technical assistance required by the using units and ammunition supply points supporting the Redeye missile system.

c. Provides a direct exchange of nonexplosive, missile-system-peculiar assemblies, subassemblies, and components on a repair-and-return basis to supported units.

d. In conjunction with detachments ED and EC, can support 40 Redeye systems when assigned in the direct support role and 70 Redeye systems when assigned in the general support role.

Strength. EM 2

Basis of allocation. One per 40 Redeye systems supported in the direct support role and one per 70 Redeye systems supported in the general support role. Normally assigned with detachments EB, EC, and ED.

Detachment EJ, Lance maintenance contact team, direct support/general support

Capabilities. a. Provides onsite repair or replacement for all components (less automotive and warheads) of missiles and missile-system-peculiar test equipment and training missiles to using units and special ammunition units supporting the Lance missile system.

b. Provides technical assistance, as required by the using units and special ammunition units supporting the Lance missile system.

c. Provides direct exchange of nonexplosive, missile-system-peculiar assemblies and components on a repair-and-return basis to supported units and special ammunition supply points.

d. In conjunction with detachments ED and EC, can support two Lance systems when assigned in the direct support role and 16 Lance

systems when assigned in the general support role.

Strength. EM 2

Basis of allocation. One per two missile systems supported in the direct support role and one per 16 Lance systems supported in the general support role. Normally assigned with detachments EB, EC, and ED.

Detachment EK, Chaparral/Vulcan electronics/FAAR maintenance support, direct support/general support

Capabilities. a. Provides for the inspection, testing, modification, and repair and the functions incident to the maintenance of electronic, mechanical, and missile components of the Chaparral missile system.

b. Provides for the inspection, testing, modification, and repair and the functions incident to the maintenance of electronic and mechanical components of the FAAR system and rapid area identification device (RAID) units of the battalion and units with Redeye teams.

c. Provides for the inspection, testing, modification, and repair and the functions incident to the maintenance of electronics and range-only-radar of the Vulcan weapon system.

d. Provides Chaparral contact support to assist in the inspection and maintenance of supported missiles in class V channels. This support applies to all class V items of the missile (less warheads and warhead adaption kits).

e. Provides maintenance support for Chaparral tactical trainers.

f. Provides repair and maintenance calibration for both special-design and common test equipment used by the supported systems and support detachments.

Strength. Off 1 WO 1 EM 20 Aggr 22

Basis of allocation. Normally assigned on a one-for-one basis with detachments EB and EC when Chaparral, Vulcan electronics, and FAAR support is required.

Detachment EL, Chaparral maintenance contact support team, direct support/general support

Capabilities. a. Provides onsite repair or replacement for all components of the missile system, test equipment, and tactical trainers assigned the Chaparral missile system.

b. General support contact teams will also provide support to class V units for the surveillance and repair of the entire missile (less warhead).

c. Provides technical assistance required by the using units in supporting the Chaparral missile system.

d. This detachment, in conjunction with detachments EC and EK, can support 16 Chaparral systems when assigned in the direct support role and 96 Chaparral systems and two ammunition storage units when assigned in the general support role.

Strength. EM 4

Basis of allocation. One per 16 Chaparral systems supported in the direct support role and one per 96 Chaparral systems and two ammunition storage units in the general support role. Normally assigned with detachments EB, EC, and EK.

Detachment EM, Vulcan electronics maintenance contact support team, direct support/general support

Capabilities. a. Provides onsite repair or replacement for all components of the Vulcan system range-only-radar and system electronics.

b. Provides technical assistance required by the using units.

c. In the general support role, operates the shop equipment and maintains radar antenna when not being used as a contact team.

d. This detachment, in conjunction with de-

tachments EC and EK, can support 16 Vulcan systems, range-only-radars, and electronics when assigned in the direct support role and 96 Vulcan systems when assigned in the general support role.

Strength. EM 2

Basis of allocation. One per 16 Vulcan systems supported in the direct support role and one per 96 Vulcan systems supported in the general support role. Normally assigned with detachments EB, EC, and EK.

Detachment EN, FAAR maintenance contact support team, direct support/general support

Capabilities. a. Provides onsite repair or replacement for all components of the FAAR.

b. Provides technical assistance required by the using units.

c. This detachment, in conjunction with detachments EC and EK, can support six FAAR systems when assigned in the direct support role and 36 FAAR systems when assigned in the general support role.

Strength. EM 2

Basis of allocation. One per six FAAR systems supported in the direct support role and one per 36 FAAR systems supported in the general support role. Normally assigned with detachments EB, EC, and EK.

CHAPTER 8

QUARTERMASTER UNITS

10-201G HHC, Petrol Bde

Mission. a. To plan, control, and supervise the supply of bulk petroleum products to theater army and other forces, as directed.

b. To command assigned or attached units.

Assignment. Normally to SMCOM, TASCOT. May be assigned to army or higher HQ for petroleum logistic planning and coordination before the establishment of a COMMZ.

Capabilities. a. At level 1, this unit—

(1) Plans, coordinates, and supervises determination of requirements for, and distribution of, bulk petroleum products for which it has supply responsibility to theater army and other forces, as directed.

(2) Plans, coordinates, and supervises the operation and maintenance of all intersectional petroleum storage and distribution systems.

(3) Establishes and supervises the petroleum quality surveillance program.

(4) Provides such other allied services as may be directed.

(5) Commands two or more petroleum groups and other assigned or attached units engaged in the operation and maintenance of military intersectional petroleum distribution systems.

(6) Provides company- and battalion-level organizational maintenance for organic equipment.

b. This unit is not adaptable to a type B organization.

c. One or more of the following organizations may be assigned or attached to this HQ when approved by the TASCOT commander:

(1) Engineer construction battalion (TOE 5-115).

(2) Engineer pipeline equipment company (TOE 5-177).

(3) Engineer maintenance company, direct support (TOE 5-237).

(4) HHD, petroleum group (TOE 10-202).

(5) Petroleum operating battalion (TOE 10-205).

(6) Petroleum operating company (TOE 10-207).

(7) Military police battalion (TOE 19-55).

(8) Labor service company (TOE 29-449).

(9) HHC, supply and service battalion (TOE 29-146).

(10) HHD, transportation truck group (TOE 55-12).

(11) HHD, transportation motor transport battalion (TOE 55-16).

(12) Transportation medium truck company (TOE 55-18).

(13) Appropriate detachments, as required, organized under the provisions of the 500- and 600-series TOE, to provide—

(a) Engineer firefighting and utilities teams.

(b) Medical dispensary teams.

(c) Quartermaster administrative, general duty, and petroleum teams.

(d) Signal operating, maintenance, and service teams.

(e) Finance disbursing teams.

(f) Military police security guard and dog teams.

(g) Mess, automotive maintenance, and Army aviation teams.

(h) Judge advocate general claims or legal assistance teams.

(i) Public information teams.

(j) Interpreter and translator teams.

(k) Transportation highway transport teams.

Strength. a. Level 1: Off 30 EM 77
Aggr 107

b. Level 2: Off 29 EM 67
Aggr 96

c. Level 3: Off 26 EM 60
Aggr 86

Basis of allocation. One per two or more petroleum groups or as required in the theater of operations.

Category. III.

Mobility. Fixed.

10-202G HHD, Petrl Gp

Mission. a. To plan, control, and supervise the operation and maintenance of a single intersectional military petroleum distribution system or several separate systems.

b. To command assigned and/or attached units.

Assignment. To SMCOM; normally attached to HHC, petroleum brigade (TOE 10-201). May be assigned to army or higher HQ for petroleum logistic planning and coordination before the establishment of a COMMZ.

Capabilities. a. At level 1, this unit—

(1) Provides command, administrative, technical, and operational supervision for two or more petroleum operating battalions and other assigned or attached units required for the operation and maintenance of a single intersectional military petroleum distribution system or several separate systems.

(2) Conducts operational planning for the development and extension of the systems controlled.

(3) Operates on a 24-hour basis.

b. One or more of the following organizations may be assigned or attached to this HQ:

(1) HHC, petroleum operating battalion (TOE 10-206).

(2) Petroleum operating company (TOE 10-207).

(3) Labor service company (TOE 29-449).

(4) HHC, supply and service battalion (TOE 29-146).

(5) Military police battalion (TOE 19-55).

(6) HHD, transportation motor transport battalion (TOE 55-16).

(7) Transportation medium truck company (TOE 55-18).

(8) Appropriate detachments, as required, organized under the provisions of the 500- and 600-series TOE, to provide—

(a) Engineer firefighting and utility teams.

(b) Medical dispensary teams.

(c) Quartermaster administrative, general duty, and petroleum teams.

(d) Signal operating, maintenance, and service teams.

(e) Finance disbursing teams.

(f) Military police security guard and dog teams.

(g) Mess and automotive maintenance teams.

(h) Interpreter and translator teams.

(i) Transportation highway transport teams.

c. Security forces required to protect petroleum terminal and other facilities from guerrilla activity, destruction, sabotage, or pilferage are attached or provided by the area commander in which the facilities are located.

d. This unit is not adaptable to a type B organization.

e. This unit depends on TOE 1-500 for light military aircraft required for command, staff supervision, liaison, pipeline inspection, and reconnaissance.

f. Individuals of this organization, except chaplain personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 16 WO 1
EM 56 Aggr 73

b. Level 2: Off 16 WO 1
EM 49 Aggr 66

c. Level 3: Off 15 WO 1
EM 42 Aggr 58

Basis of allocation. a. One per single intersectional military petroleum distribution system operated by two or more petroleum operating battalions.

b. One per two to five separate military petroleum distribution systems, each operated by a petroleum operating battalion.

c. As required in the theater of operations for petroleum logistic planning.

Category. III.

Mobility. Forty-percent mobile.

10-205G Petrl Op Bn

Mission. To operate and maintain an intersectional military petroleum distribution system for the storage and distribution of petroleum products for which the petroleum brigade has supply responsibility.

Assignment. To TASCOT; normally attached to HHD, petroleum group (TOE 10-202). May be assigned to army or higher HQ for petroleum logistic planning and coordination before the establishment of a COMMZ.

Capabilities. a. At level 1, this unit—

(1) Plans, controls, and supervises the operation and maintenance on an intersectional military petroleum distribution system, or segment thereof, of approximately 500 kilometers

(300 miles) of multiproduct petroleum pipelines and related terminal facilities.

(2) Operates facilities capable of storing from 500,00 to 2,500,000 barrels of bulk petroleum products, based on the size and location of terminal facilities constructed and/or available.

(3) Supervises a program for quality surveillance of petroleum products and operates a base petroleum products laboratory.

(4) Operates a central dispatching agency to schedule and direct the flow of bulk petroleum through the multiproduct military pipeline.

(5) Coordinates the movement of petroleum products by means other than pipeline.

(6) Conducts operational planning for the development and extension of a petroleum distribution system.

(7) Maintains a prescribed reserve of petroleum products for which the petroleum brigade has supply responsibility.

(8) Operates on a 24-hour basis.

b. One or more of the following organizations may be assigned or attached to this battalion when approved by the TASCOM commander:

(1) Heavy equipment general support maintenance company, army or COMMZ (TOE 29-137).

(2) Engineer pipeline construction support company (TOE 5-177).

(3) Labor service company (TOE 29-449).

(4) Military police company (TOE 19-57).

(5) Transportation medium truck company (petroleum) (TOE 55-18).

(6) Appropriate detachments, as required, organized under the provisions of the 500- and 600-series TOE, to provide—

(a) Engineer firefighting, utility, and maintenance teams.

(b) Medical dispensary teams.

(c) Administrative, general duty, materials-handling, maintenance, and petroleum teams.

(d) Signal operations, maintenance, and service teams.

(e) Finance disbursing teams.

(f) Military police security guard and dog teams.

(g) Mess and automotive teams.

(h) Interpreter and translator teams.

c. When organized with—

(1) A petroleum wharf platoon, this unit can operate, on a 24-hour basis, a petroleum wharf facility for receiving and discharging or loading

oceangoing tankers by means of wharf and/or offshore facilities.

(2) A technical support section, this unit can perform functions normally provided by a senior HQ.

d. The capabilities of a type B organization are the same as those of a level 1 organization.

e. The Transportation Corps truck units habitually engaged in the wholesale intersectional and interzonal movement of petroleum bulk products, normally assigned to the petroleum brigade, may be attached to the petroleum operating battalion.

f. This unit depends on an AG personnel service unit for processing personnel administrative actions, to include personal affairs, maintenance of personnel records, pay actions, casualty reporting, rosters, and orders directing personnel actions.

g. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation. When local security requirements exceed the capabilities of this unit, additional security forces required to protect isolated petroleum terminal and distribution facilities from guerrilla activity, destruction, sabotage, or pilferage may be attached or provided by the area commander in which the facilities are located.

Strength. a. Level 1: Off 39 WO 10
EM 972 Aggr 1,021

b. Level 2: Off 39 WO 10
EM 867 Aggr 916

c. Level 3: Off 39 WO 10
EM 768 Aggr 817

d. Type B: Off 39 WO 10
EM 497 Aggr 546

Basis of allocation. One per petroleum port of entry. As required in the theater of operations, based on the capabilities indicated above.

Category III.

Mobility. Fixed.

Components. a. One HHC (TOE 10-206G).

b. Five petroleum operating companies (TOE 10-207G).

10-206G HHC, Petrl Op Bn

Mission. To provide command, administration, and technical and operational supervision for the petroleum operating battalion for the operation and maintenance of an intersectional military petroleum distribution system.

Assignment. Organic to petroleum operating battalion (TOE 10-205).

Capabilities. a. At level 1, this unit—

(1) Commands the petroleum operating company (TOE 10-207) and other assigned or attached units.

(2) Plans, controls, and supervises the operation and maintenance of an intersectional military petroleum distribution system to include approximately 500 kilometers (300 miles) of multiproduct petroleum pipelines and related terminal facilities.

(3) Supervises a program for quality surveillance of petroleum products and operates a base petroleum products laboratory.

(4) Operates a central dispatching agency to schedule and direct the flow of bulk petroleum through the multiproduct military pipeline.

(5) Coordinates the movement of bulk petroleum and petroleum products by means other than pipeline.

(6) Operates on a 24-hour basis.

b. When organized with a petroleum wharf platoon, this unit can operate, on a 24-hour basis, a petroleum wharf facility for receiving and discharging or loading oceangoing tankers by means of wharf and/or offshore facilities. This platoon is authorized only when the unit is assigned the mission of operating petroleum wharf facilities at a port of entry.

c. When organized with a technical support section, this unit provides personnel for planning the construction, rehabilitation, and/or extension of petroleum distribution systems and for the movement of bulk petroleum products by rail, highway, air, or water. This section is authorized only when the battalion is operating without a senior HQ.

d. The capabilities of a type B organization are the same as those of a level 1 organization.

e. This unit depends on—

(1) An AG personnel service unit for processing personnel administrative actions, to include personal affairs, maintenance of personnel records, pay actions, casualty reporting, rosters, and orders directing personnel actions.

(2) The theater army signal operations command for circuits between battalion HQ and subordinate elements stationed along the intersectional petroleum distribution system.

f. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation. When local security requirements exceed the capabilities of this unit, additional security forces required to protect isolated petroleum terminal and distribution facilities from guer-

rilla activity, destruction, sabotage, or pilferage are attached or provided by the area commander in which the facilities are located.

Strength. a. Level 1: Off 19 WO 5
EM 122 Aggr 146
b. Level 2: Off 19 WO 5
EM 107 Aggr 131
c. Level 3: Off 19 WO 5
EM 93 Aggr 117
d. Type B: Off 19 WO 5
EM 107 Aggr 131

Basis of allocation. One per petroleum operating battalion (TOE 10-205).

Category. III.

Mobility. Fixed.

10-207G Petrl Op Co

Mission. TO operate military petroleum terminal and pipeline facilities for the storage and distribution of petroleum products for which the petroleum organization has supply responsibility.

Assignment. Organic to petroleum operating battalion (TOE 10-205). May operate as separate company, as required.

Capabilities. a. At level 1, this unit—

(1) Operates petroleum terminal facilities for the receipt, storage, bulk transfer, issue, and distribution of petroleum products for which the petroleum brigade has supply responsibility to include—

(a) Operation, on a 24-hour basis, of a tank farm complex for storage of from 100,000 to 500,000 barrels of bulk petroleum depending on the capacity and type of storage facilities constructed in accordance with drawings in TM 5-302. The complex consists of two tank farms, each with a capacity ranging from 50,000 to 250,000 barrels.

(b) Operation of loading facilities for shipment of products by coastal tanker, barge, rail tank cars, and tank trucks and provision for shipment of packaged products by rail and highway. Based on 75-percent availability of organic vehicles, provides for local delivery of 52,000 gallons of bulk products and 12 short tons of packaged products daily.

(c) Provision of limited bulk reduction capabilities to maintain reserves and to augment the capabilities of supported units, when required.

(2) Operates, on a 24-hour basis, four pump stations for delivery of bulk petroleum via 6- or 8-inch multiproduct coupled pipeline. On level ter-

rain, this constitutes the operation of approximately 100 kilometers (60 miles) of pipeline.

(3) Maintains a prescribed reserve of petroleum products for which the petroleum organization has supply responsibility.

(4) Provides 60,000 gallons of bulk storage in collapsible tanks.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. When augmented by indicated personnel from a labor service company (TOE 29-449) or an equivalent number of general duty personnel from other sources, the unit has the following terminal bulk reduction and packaged petroleum-product-handling capabilities:

(1) Transfer operations in support of local distribution mission.

(2) Bulk reduction (filling) operations daily.

	Capacity (gal)	Men rqr
(a) Filling:		
Can, gasoline, 5-gallon,	25,000	50
or		
Drum, 55-gallon	2,500	50
(b) Cleaning:		
Can, gasoline, 5-gallon,	5,000	5
Drum, 55-gallon	1,000	5
(c) Receive or issue	35 STON	7
packaged grease, oil		
and lubricants (one		
handling).		

d. This unit depends on—

(1) Firefighting teams (TOE 5-510), as required.

(2) Materials-handling teams (TOE 29-500) to support increased tonnage requirements.

(3) Area medical service for necessary medical support.

(4) An AG personnel service unit for personnel administrative services.

e. Additional tank farms may be operated by the company when augmented by tank farm detachments (TOE 10-500), when authorized by theater of operations command, on the basis of one tank farm detachment per tank farm complex with a maximum storage capacity of 250,000 barrels.

f. Individuals of this unit can engage in effective, coordinated defense of the unit's area or installation. The unit has a limited capability to defend itself and its installations against hostile ground attack. When local security requirements

exceed the capabilities of this unit, additional security forces required to protect isolated petroleum storage and distribution facilities from guerrilla activity, destruction, sabotage, or pilferage are attached or provided by the area commander in which the facilities are located.

Strength. a. Level 1: Off 4 WO 1

EM 170 Aggr 175

b. Level 2: Off 4 WO 1

EM 152 Aggr 157

c. Level 3: Off 4 WO 1

EM 135 Aggr 140

d. Type B: Off 4 WO 1

EM 78 Aggr 83

Basis of allocation. Five companies per petroleum operating battalion (TOE 10-205); separate company, as required, in the theater of operations.

Category. III.

Mobility. Fixed.

10-226G (PTOE) HHC, Petrl Sup Bn

Mission. To provide command, administration, and technical and operational supervision for assigned or attached petroleum supply companies and transportation medium truck companies (petroleum).

Assignment. To FASCOM; normally attached to army and corps brigade support group (TOE 29-102).

Capabilities. a. At level 1, this unit—

(1) Maintains operational control of attached petroleum supply companies and transportation medium truck companies (petroleum).

(2) Provides for the distribution of petroleum products to class III supply installations (direct support units and divisions) in the corps and army service areas.

(3) Maintains a prescribed portion of the field army petroleum stockage through its attached units.

b. This unit is not adaptable to a type B organization.

c. This unit depends on team JC (TOE 10-500) for petroleum laboratory quality surveillance when the battalion is employed in the army service area.

d. This unit depends on—

(1) Units of the medical brigade, FASCOM, for unit-level medical service.

(2) A personnel service company for personnel administration.

(3) A finance direct support company for financial services.

(4) Direct support units servicing the area for organizational maintenance of organic signal equipment.

e. Individuals of this unit, except chaplain, can engage in effective, coordinated defense of the unit's area or installation. The unit has a limited capability to defend itself against hostile ground attack. When local security requirements exceed the capabilities of this unit, additional security forces required to protect this organization against guerrilla activity or pilferage are attached or provided by the area commander.

Strength. a. Level 1: Off 13 WO 2
EM 67 Aggr 82
b. Level 2: Off 13 WO 2
EM 60 Aggr 75
c. Level 3: Off 13 WO 2
EM 53 Aggr 68

Basis of allocation. As required; normally one per support brigade (TOE 54-22).

Category. II.

Mobility. One hundred-percent mobile.

Remarks. PTOE 10-226G at ACSFOR, DA, for staffing at the time of preparation of this manual. When published, this unit will replace HHC, quartermaster petroleum supply battalion (army) (TOE 10-476G).

10-227G (PTOE) Petrl Sup Co

Mission. a. To provide and operate petroleum storage facilities for wholesale transfer operations to DISCOM's and direct support petroleum supply platoons of the supply and service companies.

b. To lay, operate, and retrieve petroleum hose lines, as required.

c. To maintain a prescribed portion of the field army bulk petroleum stocks.

Assignment. To FASCOM; normally attached to HHC, petroleum supply battalion (TOE 10-226).

Capabilities. a. At level 1, this unit—

(1) Provides and operates collapsible bulk petroleum storage facilities.

(2) Conducts bulk transfer operations in the forward movement (line haul) of petroleum, as required.

(3) Normally lays its authorized hose line over rolling terrain in 1 day and, when required, simultaneously retrieves approximately one-third.

(4) Maintains a prescribed portion of the field army bulk petroleum stocks.

(5) Operates limited mobile filling station service.

(6) Operates organic bulk storage and handling equipment as follows:

	Storage Capability		
	Collapsible tanks	Co (gal)	Plat (gal)
1,250-barrel	-----	945,000	315,000
10,000-gallon	-----	360,000	120,000
Total	-----	1,305,000	435,000

(7) Establishes and operates supply points at a maximum of six different locations.

(8) Operates on a 24-hour basis.

b. Each supply platoon can operate independently when provided administration, messing facilities, and organizational supply and motor maintenance support. Each supply section can operate in widely dispersed locations.

c. The capabilities of a type B organization are the same as those of a level 1 organization.

d. This unit depends on—

(1) Firefighting teams (TOE 5-510), as required.

(2) Area medical service for necessary medical support.

(3) The support brigade (or ASCOM) in whose area it is employed for AG personnel service support.

(4) Direct support units servicing the area for organizational maintenance of organic signal equipment.

e. Individuals of this unit can engage in effective, coordinated defense of the unit's area or installation. The unit has a limited capability to defend itself and its installations against hostile ground attack. When local security requirements exceed the capabilities of this unit, additional security forces required to protect isolated petroleum storage facilities from guerrilla activity, destruction, sabotage, or pilferage are attached or provided by the area commander in which the facilities are located.

Strength. a. Level 1: Off 5 WO 1
EM 299 Aggr 305
b. Level 2: Off 5 WO 1
EM 269 Aggr 275
c. Level 3: Off 5 WO 1
EM 240 Aggr 246
d. Type B: Off 5 WO 2
EM 132 Aggr 139

Basis of allocation. One or more per petroleum supply battalion (TOE 10-226). As required

in conformance with the capabilities indicated above.

Category. II.

Mobility. One hundred-percent mobile.

Remarks. PTOE 10-227G at ACSFOR, DA, for staffing at the time of preparation of this manual. When published, this unit will replace quartermaster petroleum supply company, forward (TOE 10-458G).

10-292G (DPTOE) HHC, GRREG Gp

See Chapter 10.

10-296G (DPTOE) HHC, GRREG Bn and

Pers Eff Dep

HHD, GRREG Bn

See Chapter 10.

10-297G (PTOE) GRREG Co, COMMZ

See Chapter 10.

10-407G QM Air Dlv Co

Mission. To provide parachute packing, temporary storage, and rigging of supplies and equipment for airdrop by Army, USAF, and/or other Service aircraft and to render technical assistance in the recovery and evacuation of airdrop equipment.

Assignment. To theater, army, COMMZ, field depot, or independent corps. In the COMMZ, normally attached to HHC, supply and service battalion, general support (TOE 29-126). In the army area, normally attached to HHC, support brigade (TOE 54-22).

Capabilities. a. At level 1, this unit—

(1) Requisitions, receives, stores, and prepares (to include packing of parachutes and rigging of loads) 200 tons daily of selected items of all classes of supplies and equipment for airdrop by free, high-velocity, or low-velocity drop techniques. (At levels 2 and 3, the tonnages are 180 and 150 respectively.)

(2) Maintains prescribed levels of airdrop equipment and selected items of all classes of supplies and equipment required for airdrop operations.

(3) Performs organizational maintenance on TOE airdrop equipment and provides direct exchange for personnel and cargo parachutes used in Army aircraft.

(4) Assists, as required, in the loading of supplies in aircraft for airdrop and the ejection of supplies from aircraft in flight.

(5) Supplements, when necessary, the capabilities of other units engaged in parachute-packing, parachute maintenance, and airdrop support

operations and provides technical assistance in recovery and evacuation of airdrop equipment.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. This unit depends on—

(1) An AG personnel service unit for processing administrative actions to include classification, personal affairs, maintenance of personnel records, pay actions, personnel accounting, casualty reporting, rosters, and orders directing personnel actions.

(2) Other units for medical and religious support.

d. Transportation required for the movement of rigged loads to designated loading areas will be provided from theater transportation sources.

e. Each operating platoon can operate independently when provided administrative, messing, organizational supply and maintenance, and operational supply support.

f. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 6 WO 4

EM 261 Aggr 271

b. Level 2: Off 6 WO 4

EM 234 Aggr 244

c. Level 3: Off 5 WO 3

EM 201 Aggr 209

d. Type B: Off 6 WO 4

EM 223 Aggr 233

Basis of allocation. a. As required in the COMMZ field depot for airdrop of supplies and equipment, in conformance with capabilities indicated above.

b. One company, organized at level 3, per field army based on 150 tons' daily capability.

Category. II.

Mobility. Fifty-percent mobile.

10-417G Airdrop Equip Rep and Sup Co

Mission. To establish and operate a depot for supply, direct support and general support maintenance, and reclamation of airdrop equipment.

Assignment. To SMCOM; normally attached to HHC, field depot (TOE 29-512).

Capabilities. a. At level 1, this unit—

(1) Receives, classifies, and performs direct support and general support maintenance on airdrop equipment in support of one quartermaster air delivery company (TOE 10-407).

(2) Requisitions, receives, stores, and issues airdrop equipment.

(3) When necessary, supplements the para-

chute-packing and maintenance activities of other units engaged in airdrop of personnel and equipment.

(4) Performs direct support and general support maintenance on airdrop equipment used in Army aircraft.

(5) Maintains a prescribed level of airdrop equipment.

b. Operating at level 3, the company supports either an airborne division (TOE 57) (or equivalent airborne force) or one quartermaster air delivery company (TOE 10-407) organized at level 3.

c. The capabilities of a type B organization are the same as those of a level 1 organization.

d. This unit depends on an AG personnel service unit for processing personnel administrative actions to include classification, personal affairs, maintenance of personnel records, pay actions, personnel accounting, casualty reporting, rosters, and orders directing personnel actions.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 4 WO 6
EM 186 Aggr 196
b. Level 2: Off 4 WO 6
EM 167 Aggr 177
c. Level 3: Off 4 WO 6
EM 147 Aggr 157
d. Type B: Off 4 WO 6
EM 174 Aggr 184

Basis of allocation. a. Levels 1 and 2. One per quartermaster air delivery company (TOE 10-407).

b. Level 3. One per airborne division (TOE 57) (or equivalent airborne force) or one per level 3 quartermaster air delivery company (TOE 10-407).

Category. III.

Mobility. Fixed.

10-437G Ldry and Renv Co, GS

Mission. To receive, classify, launder, renovate, and temporarily store clothing and lightweight, launderable textiles.

Assignment. To field depot of SMCOM; normally attached to HHC, supply and service battalion (TOE 29-146).

Capabilities. a. At level 1, this unit—

(1) Provides for the receipt, classification, and temporary storage of approximately 15 tons of clothing and lightweight textiles per week.

(2) Renovates clothing and lightweight tex-

tiles at a rate of approximately 12,000 items per week.

(3) Provides laundry service up to 33,000 pounds per week in support of—

(a) Renovation activities and

(b) Seasonal items for return to depot stocks, or

(c) When authorized, laundry impregnation operations at 50 percent of its laundry capacity.

(4) Provides for temporary storage of material being processed by the company.

(5) Classifies, sanitizes, dries, and prepares serviceable insulated boots for return to supply channel.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. When additional laundry and renovation support capability is required, it will be provided by an MTOE under the provisions of AR 310-31.

d. This unit depends on—

(1) An AG personnel service unit for personnel administration.

(2) A finance unit for finance services.

e. Individuals of this unit can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 4 EM 144
Aggr 148
b. Level 2: Off 4 EM 129
Aggr 133
c. Level 3: Off 4 EM 113
Aggr 117
d. Type B: Off 4 EM 69
Aggr 73

Basis of allocation. One per 50,000 troops supported.

Category. III.

Mobility. Forty-percent mobile.

10-458G QM Petrl Sup Co, Fwd

Mission. a. To provide general support (wholesale) supply of petroleum products.

b. To maintain a prescribed portion of the field army petroleum stocks.

Assignment. Normally attached to HHC, supply and service general support battalion, forward (TOE 29-116); the separate company may be assigned to FASCOM or TASCOC, as required.

Capabilities. a. At level 1, this unit—

(1) Provides and operates petroleum storage facilities.

(2) Distributes petroleum products to direct support class III supply installations.

(3) Maintains a prescribed portion of the army petroleum stocks.

(4) Operates limited mobile filling station service.

(5) Operates bulk storage and handling equipment and provides the following:

	<i>Co (gal)</i>	<i>Plat (gal)</i>
(a) Storage:		
Collapsible tanks		
(10,000 gal).	480,000	160,000
(b) Petroleum distribution (single life, 75-percent vehicle availability):		
1,200-gal tank	8,100	2,700
trucks and pump units.		
5,000-gal tank	112,500	37,500
trucks.		

(c) Bulk reduction, as required.

(6) Each operating platoon can operate independently when provided administration, messing facilities, and organizational supply and maintenance support.

(7) This unit can provide two 10-hour shifts. When so employed, vehicle operators are provided on the basis of 75 percent of assigned vehicles.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. The company may be authorized an additional operating platoon for increased capabilities.

d. This unit depends on an AG personnel service unit for processing personnel administrative actions to include classification, personal affairs, maintenance of personnel records, pay actions, personnel accounting, casualty reporting, rosters, and orders directing personnel actions.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 5 EM 232
Aggr 237

b. Level 2: Off 5 EM 208
Aggr 213

c. Level 3: Off 5 EM 184
Aggr 189

d. Type B: Off 5 EM 197
Aggr 202

Basis of allocation. Two per supply and service general support battalion, forward, when employed in corps area; normally attached to HHC, supply and service general support battalion, forward (TOE 29-116). As required in conformance with the capabilities indicated above.

Category. II.

Mobility. Ninety-percent mobile.

10-467D QM Sup Dep Co

Mission. To establish and operate a quartermaster depot for the storage and distribution of class I, class III (greases, oils, and lubricants), and all class II and IV supplies, excluding quartermaster air type of equipment.

Assignment. To TASCOC.

Capabilities. a. At full strength, this unit—

(1) Provides administrative and technical personnel to establish and supervise the operation of a quartermaster depot for the requisitioning, receipt, storage, issue, and/or distribution of class I, class III (greases, oils, and lubricants), and all quartermaster class II and IV supplies, excluding quartermaster air type of equipment.

(2) Maintains prescribed reserves of class I, class III (greases, oils, and lubricants), and all quartermaster class II and IV supplies, excluding quartermaster air type of equipment.

(3) Can operate either a quartermaster depot or quartermaster portion of a general depot in support of a corps force when personnel required to support depot storage and distribution operations are furnished by a labor service company (TOE 29-449) or from other sources. The following guide may be used to estimate personnel requirements:

(a) Labor service companies (TOE 29-449):

$$\frac{\text{Tonnage to be handled} \times \text{number of handlings}}{\text{Time limit (hours)} \times \text{capacity per co, plat, sec (tons per hour)}} = \text{Labor svc cos, plats, or secs rqr}$$

(b) Personnel (U.S. military personnel):

$$\frac{\text{Tonnage to be handled} \times \text{number of handlings}}{\text{Time limit (hours)} \times 0.5 \text{ ton per man per hour}} = \text{Pers rqr}$$

(4) Provides refrigerated warehouse storage space on the basis of 1 cubic foot per 32 pounds of perishables to be stored.

(5) Provides daily distribution of subsistence requiring mobile refrigeration, based on a $\frac{3}{4}$ -pound refrigerated perishable ration component and 75-percent vehicle availability, with each 7 $\frac{1}{2}$ -ton refrigerator semitrailer carrying approximately 3 tons of balanced perishables.

Element	Approx qty (tons)	Supported troops
Refrigeration platoon -----	64	150,000
Refrigeration section -----	32	75,000

b. The capabilities of a type B organization are the same as those of a full-strength organization.

c. When augmented by an operations officer and an operations sergeant, the unit will have the increased capability of operating separately. (To be included only by specific authorization of DA)

d. Appropriate veterinary food inspection teams required for the inspection of meat, meat food, poultry, marine products, fresh fruits, and vegetables will be provided by the medical service organization (TOE 8-500).

e. Individuals of this unit can fight as infantrymen, when required. The unit can defend itself and its installations against hostile ground attack.

Strength. a. Full: Off 9 EM 278
Aggr 287

b. Reduced: Off 9 EM 229
Aggr 238

c. Type B: Off 9 EM 147
Aggr 156

Basis of allocation. Two per theater type of corps force supported. Assignment of additional companies will depend on geographical conditions and/or length of lines of communications.

Category. III.

Mobility. Twenty-five-percent mobile.

10-475G QM Petrl Sup Bn (Army)

Mission. a. To provide petroleum storage facilities and wholesale distribution of petroleum products.

b. To provide mobile petroleum products laboratory service.

Assignment. To FASCOM; normally attached to HHC, general support group (TOE 29-102), employed in the army service area.

Capabilities. a. At level 1, this unit—

(1) Provides and operates petroleum storage facilities.

(2) Provides for distribution of petroleum products to class III installations in corps and army service areas.

(3) Provides quality surveillance of petroleum products.

(4) Operates class III supply points.

(5) Maintains a prescribed portion of field army petroleum stockage.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. Individuals of this organization, except chaplain personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 40 WO 4
EM 1,304 Aggr 1,348
b. Level 2: Off 40 WO 4
EM 1,160 Aggr 1,204
c. Level 3: Off 40 WO 4
EM 1,028 Aggr 1,072
d. Type B: Off 40 WO 4
EM 816 Aggr 860

Basis of allocation. Two per field army.

Category. II.

Mobility. For mobility of components of this battalion, see applicable TOE extracts.

Components. a. One HHC (TOE 10-476G).

b. Three quartermaster petroleum supply companies (army) (TOE 10-477G).

c. Three transportation medium truck companies (petroleum) (TOE 55-18G).

10-476G HHC, QM Petrl Sup Bn (Army)

Mission. a. To provide command, administration, and technical supervision for the quartermaster petroleum supply battalion (army).

b. To provide mobile petroleum products laboratory service.

Assignment. Organic to quartermaster petroleum supply battalion (army) (TOE 10-475).

Capabilities. a. At level 1, this unit provides

(1) Command, staff planning, coordination, and technical supervision for operations, training, and administration of the quartermaster petroleum supply battalion (army).

(2) For quality surveillance of petroleum products and operates a mobile petroleum laboratory.

(3) Battalion-level maintenance to assigned or attached units.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. This unit is staffed to operate on a one-shift basis.

d. This unit depends on an AG personnel service unit for processing personnel administrative actions to include classification, personal affairs, maintenance of personnel records, pay actions,

personnel accounting, casualty reporting, rosters, and orders directing personnel actions.

e. Individuals of this organization, except chaplain personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 13 WO 1
EM 77 Aggr 91
b. Level 2: Off 13 WO 1
EM 68 Aggr 82
c. Level 3: Off 13 WO 1
EM 59 Aggr 73
d. Type B: Off 13 WO 1
EM 60 Aggr 74

Basis of allocation. One per quartermaster petroleum supply battalion (army) (TOE 10-475).

Category. II.

Mobility. One hundred-percent mobile.

10-477G QM Petrl Sup Co (Army)

Mission. a. To provide petroleum storage facilities and wholesale distribution of petroleum products.

b. To maintain a prescribed portion of the field army petroleum stocks.

Assignment. a. Organic to quartermaster petroleum supply battalion (army) (TOE 10-475).

b. The separate company may be assigned to FASCOM or TASCOC, as required.

Capabilities. a. At level 1, this unit—

(1) Provides and operates petroleum storage facilities.

(2) Distributes petroleum products to class III installations in corps and army service areas; assists in the forward movement (line haul) of bulk petroleum, as required.

(3) Maintains a prescribed portion of the field army petroleum stocks.

(4) Operates limited mobile filling station service.

(5) Operates organic bulk storage and handling equipment and provides the following:

	Co (gal)	Plat (gal)
(a) Storage:		
Collapsible tanks	480,000	160,000
(b) Petroleum distribution (single lift, 75-percent vehicle availability):		
1,200-gal tank truck.	8,100	2,700
5,000-gal tank truck.	101,250	33,750

(6) Operates, as a portion of the field army reserve stock, two tank farm facilities (construct-

ed and/or rehabilitated steel tankage or hasty bulk storage reservoirs), each capable of storing at least 420,000 gallons of bulk petroleum.

(7) Operates on a 24-hour basis.

b. Each operating platoon operates independently when provided administration, messing facilities, and organizational supply and maintenance support.

c. The capabilities of a type B organization are the same as those of a level 1 organization.

d. The company may be authorized an additional operating platoon for increased capabilities.

e. This unit depends on—

(1) An AG personnel service unit for processing personnel administrative actions to include classification, personal affairs, maintenance of personnel record, personnel accounting, casualty reporting, rosters, and orders directing personnel actions.

(2) A personnel service detachment from TOE 29-500 will be attached to provide personnel service support when the unit operates independently or when personnel services are not provided by an AG personnel service unit.

f. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 5 EM 231
Aggr 236
b. Level 2: Off 5 EM 205
Aggr 210
c. Level 3: Off 5 EM 182
Aggr 187
d. Type B: Off 5 EM 170
Aggr 175

Basis of allocation. Three per quartermaster petroleum supply battalion (army) (TOE 10-475). As required in conformance with the capabilities indicated above.

Category. II.

Mobility. Ninety-percent mobile in organic transportation.

10-500G QM Svc Org

Mission. a. To perform quartermaster service functions where units of less than company size are required.

b. To increase the capabilities of fixed-strength units where increments of less than company size are needed. These teams are designed to provide organizations that differ in size and composition,

depending on the tactical and logistic considerations involved.

Assignment. Teams may be attached or assigned, as required, to fixed-strength units or may be organized into composite service units to perform quartermaster service functions under varying conditions.

Capabilities. The capabilities of units organized under this TOE will vary with the size and groupings of the teams used. Appropriate administrative teams required for command and control of composite units formed from this TOE will be obtained from the composite service organization (TOE 29-500). Capabilities of each individual team are as indicated in the detailed breakdown of teams below.

Strength. See individual teams below for strengths.

Basis of allocation. Allocations for individual teams are as indicated in the detailed breakdown of teams below.

Category. The category of each team depends on the fixed-strength units to which assigned or other varying conditions under which the teams may operate.

Mobility. The degree of mobility must be computed for each specific combination of teams and/or composite units to be used. See individual teams below for mobility.

Detailed Breakdown of Teams Quartermaster Service Teams Teams BA—BI

Team BA, sales detachment—mobile

Capabilities. a. Provides a mobile outlet for the retail sale of merchandise and personal items on a nonprofit basis for 10,950 authorized personnel, based on once-a-week service; or

b. Provides merchandise and personal items on a wholesale basis to unit post exchanges in support of 54,750 authorized personnel, when such items are not issued gratuitously or otherwise available through Army and Air Force Exchange Service facilities. Labor required for loading and unloading supplies must be furnished from cellular-type teams or other sources, and supplemental transportation required for distribution of supplies is furnished by Army or theater transportation units.

Strength. EM 3

Basis of allocation. One per 10,950 individuals (retail sales) or one per 54,750 individuals

(wholesale sales). This team is to be employed in conjunction with team BC; or, in a situation where this employment is not practicable, team AB (TOE 29-500) will be required to provide appropriate officer and enlisted personnel to perform supply management functions in conjunction with this team's sales activities. Not to be used separately.

Mobility. One hundred-percent mobile.

Team BB, sales detachment—semimobile

Capabilities. a. Provides a semimobile (static) sales outlet for retail sales of merchandise and personal items on a nonprofit basis for approximately 27,900 authorized personnel, based on once-a-week service; or

b. Provides merchandise and personal items on a wholesale basis to unit post exchanges in support of approximately 139,500 authorized personnel, when such items are not issued gratuitously or otherwise available through Army and Air Force Exchange Service facilities. Labor required for loading and unloading supplies must be furnished from cellular-type teams or other sources, and supplemental transportation required for distribution of supplies is furnished by Army or theater transportation units.

Strength. EM 5

Basis of allocation. One per 27,900 individuals (retail sales) or one per 139,500 individuals (wholesale sales). This team is to be employed in conjunction with team BC; or, in a situation where this employment is not practicable, team AB (TOE 29-500) will be required to provide appropriate officer and enlisted personnel to perform supply management functions in conjunction with this team's sales activities. Not to be used separately.

Mobility. One hundred-percent mobile.

Team BC, sales supply detachment

Capabilities. a. Provides sales management and control personnel to supervise sales teams BA and BB.

b. Requisitions, receives, stores, issues, and/or makes unit distribution of sales items (retail-wholesale) to be sold or distributed by sales teams BA and BB.

c. When providing wholesale service, labor required for loading and unloading must be furnished from cellular-type teams or other sources, and supplemental transportation required for distribution of supplies is furnished by Army or theater transportation units.

Strength. Off 1 EM 7 Aggr 8

Basis of allocation. One per two to six teams BA and/or BB.

Mobility. One hundred-percent mobile.

Team BD, bakery detachment—mobile—16,000

Capabilities. Provides personnel for the operation of one bakery unit, mobile, M-1945, for one 12-hour shift. Can provide bread for 16,000 individuals, based on one-half pound of bread per day per individual. Picks up operating supplies from, and delivers bread to, supply points when the round trip does not exceed 10 hours.

Strength. EM 19

Basis of allocation. One per 16,000 troops, based on one-half pound of bread per day per individual.

Mobility. Forty-percent mobile.

Team BE, bakery detachment—augmentation

Capabilities. Provides personnel for the second-shift operation of the equipment provided in team BD. Teams BD and BE together provide support for 30,800 troops. Their overall capabilities may be increased approximately 15 percent when operating in a semifixed location or when unit movement is at a minimum.

Strength. EM 16

Basis of allocation. One per team BE. Not to be used separately.

Mobility. When employed, reduces the mobility of team BD to 25 percent.

Team BF, bakery detachment—1,500, 1,600, 1,850

Capabilities. Provides personnel for the operation of one bakery plant, field, portable, for one shift. Provides bread for 1,500 troops (category I), 1,600 troops (category II), and 1,850 troops (category III), based on one-half pound of bread per day per individual.

Strength. EM 6

Basis of allocation. One per 1,500 troops (category I), 1,600 troops (category II), and 1,850 troops (category III), based on one-half pound of bread per day per individual.

Mobility. Fixed.

Team BG, bakery detachment—augmentation

Capabilities. Provides personnel for the operation of the equipment of team BF for a second shift.

Strength. EM 5

Basis of allocation. One per team BF to increase production 100 percent. Not to be used separately.

Mobility. Fixed.

Team BH, hydroponic detachment

Capabilities. Provides personnel for the operation of 30,000 square feet of hydroponic garden. Activated only when field or theater commander states need for the team.

Strength. EM 8

Basis of allocation. One per 800 individuals (several servings of fresh garden vegetables per week).

Mobility. Fixed.

Team BI, hydroponic detachment—augmentation

Capabilities. Provides personnel to augment team BH; can increase the capability of team BH by 30,000 square feet.

Strength. EM 6

Basis of allocation. When required to increase the capabilities of team BH by 100 percent. Not to be used separately.

Mobility. Fixed.

Quartermaster Airdrop Supply and Renovation Teams **Teams EA—EG**

Team EA, air delivery detachment—fixed—50 tons

Capabilities. Provides personnel for airdrop supply support to divisional and nondivisional units and can pack parachutes and provide temporary storage for and rigging of 50 tons of supplies and equipment per day for airdrop. As required, supervises loading of supplies in aircraft and ejection of supplies to be delivered by parachute or free fall from aircraft in flight. Parachutes to assist in the recovery and evacuation of parachutes and allied equipment, as required.

Strength. Off 2 WO 1 EM 64 Aggr 67

Basis of allocation. As required for the airdrop of supplies.

Mobility. Thirty-five-percent mobile.

Team EB, airdrop equipment control detachment

Capabilities. Provides personnel to command, control, administer, and provide technical supervision for teams EC and ED.

Strength. Off 1 EM 5 Aggr 6

Basis of allocation. When employed with teams EC and ED, one per airborne force equivalent to an airborne division plus service supporting troops.

Mobility. Forty-percent mobile.

Team EC, parachute and textile renovation detachment—fixed—11,500

Capabilities. Provides personnel and equipment for two 10-hour shifts to perform renovation,

other than organizational, on parachutes and textile components of airdrop equipment for an airborne force equivalent to an airborne division plus service supporting troops.

Strength. Off 1 WO 1 EM 56 Aggr 58

Basis of allocation. As required to support a force equivalent to an airborne division. As required to augment airdrop equipment repair and supply company (TOE 10-417).

Mobility. Twenty-percent mobile.

Team ED, airdrop supply and service detachment—fixed—11,500

Capabilities. Provides personnel for requisitioning, receipt, storage, and issue of quartermaster airdrop equipment for an airborne force equipment. Provides personnel and equipment to supporting troops. Receives, classifies, and disposes of unserviceable quartermaster airdrop equipment. Provides personnel and equipment to repair and maintain modular platforms and limited repair and maintenance of other airdrop platforms. Performs organizational maintenance on operating equipment (e.g., sewing machines, generators, etc.) and furnishes operating supplies for team EC.

Strength. Off 1 WO 1 EM 39 Aggr 41

Basis of allocation. One per team EC. As required to augment airdrop equipment repair and supply company (TOE 10-417).

Mobility. Twenty-percent mobile.

Team EE, parachute packing and renovation detachment

Capabilities. Provides personnel for limited repair and packing of 1,000 personnel-type parachutes per month.

Strength. WO 1 EM 5 Aggr 6

Basis of allocation. As required, in conformance with capabilities indicated above.

Mobility. Thirty-percent mobile.

Team EF, special forces parachute rigging detachment

Capabilities. Provides personnel to pack and perform organizational maintenance on parachutes and related air items in support of special and security forces. Inspects rigging and provides technical assistance in loading supplies and equipment. Requisitions, stores, and inspects; tests; and packs personnel- and cargo-type parachutes and airdrop containers; and performs organizational maintenance thereon.

Strength. WO 1 EM 19 Aggr 20

Basis of allocation. Supports 840 personnel parachutes and 840 24-foot cargo-type parachutes.

Mobility. Fifty-percent mobile.

Team EG, air equipment and support detachment (airborne)

Capabilities. Provides personnel to permit the air equipment support company (TOE 10-337) to meet operational readiness support requirements of the airborne division (TOE 57) during training and buildup phase before deployment of the division from CONUS to intermediate staging bases or objective areas.

Strength. EM 82

Basis of allocation. One per airborne division, as required, in conformance with the capabilities indicated above.

Mobility. Fixed.

Quartermaster Laundry and Bath Teams Teams FA—FK

Team FA, laundry detachment—semimobile

Capabilities. a. Provides personnel for the operation of mobile laundry equipment. On a single 10-hour-shift basis, can provide the following laundry service weekly:

Activity	Employment		
	Fixed unit	Cat III unit	Cat II unit
Lb laundered per week ----- or	16,800	15,600	13,600
Bulk service—troops supported (6 lb per man per week).	2,800	2,600	2,250
or			
Reclamation service—troops supported (¾ lb per man per week).	11,200	10,400	9,050
or			
Bundle service—troops supported (7¼ lb per man per week when augmented by team FC).	2,150	2,000	1,750

b. Provides emergency clothing impregnation service.

Strength. EM 11

Basis of allocation. In accordance with the capabilities stated above.

Mobility. Fifty-percent mobile.

Team FB, laundry detachment—semimobile—augmentation

Capabilities. Provides personnel for the operation of the equipment of team FA for a second 10-hour shift. Not to be used separately.

Strength. EM 8

Basis of allocation. One per team FA to increase capability 100 percent.

Mobility. When employed, reduces the mobility of team FA to 35 percent.

Team FC, laundry detachment—augmentation

Capabilities. Provides personnel for a single-shift operation to augment team FA or FB when bundle service is required. Not to be used separately.

Strength. EM 3

Basis of allocation. One per team FA and one per team FB.

Mobility. When employed, reduces the mobility of team FA to 25 percent.

Team FD, laundry detachment—fixed—2,500

Capabilities. When furnished appropriate equipment and facilities, provides personnel to operate a fixed or semifixed laundry. Labor must be furnished from cellular-type teams or other sources. Can provide laundry service on a weekly basis to 2,500 troops.

Strength. Off 1 EM 12 Aggr 13

Basis of allocation. One per 2,500 troops.

Mobility. Fixed.

Team FE, laundry detachment—fixed—5,000

Capabilities. When furnished appropriate equipment and facilities, provides personnel to operate a fixed or semifixed laundry. Labor must be furnished from cellular-type teams or other sources. Can provide laundry service on a weekly basis to 5,000 troops.

Strength. Off 1 EM 22 Aggr 23

Basis of allocation. One per 5,000 troops.

Mobility. Fixed.

Team FF, laundry detachment—fixed—10,000

Capabilities. When furnished appropriate equipment and facilities, provides personnel to operate a fixed or semifixed laundry. Labor must be furnished from cellular-type teams or other sources. Can provide laundry service on a weekly basis to 10,000 troops.

Strength. Off 1 EM 30 Aggr 31

Basis of allocation. One per 10,000 troops.

Mobility. Fixed.

Team FG, drycleaning detachment—fixed—1,000

Capabilities. When furnished appropriate equipment and facilities, provides personnel to operate a fixed or semifixed drycleaning plant. Labor must be furnished from cellular-type teams or other sources. Can provide drycleaning service weekly to 1,000 troops.

Strength. EM 4

Basis of allocation. One per 1,000 troops.

Mobility. Fixed.

Team FH, drycleaning detachment—fixed—2,500

Capabilities. When furnished appropriate equipment and facilities, provides personnel to operate a fixed or semifixed drycleaning plant. Labor must be furnished from cellular-type teams or other sources. Can provide drycleaning service weekly to 2,500 troops.

Strength. EM 7

Basis of allocation. One per 2,500 troops.

Mobility. Fixed.

Team FI, drycleaning detachment—fixed—5,000

Capabilities. When furnished appropriate equipment and facilities, provides personnel to operate a fixed or semifixed drycleaning plant. Labor must be furnished from cellular-type teams or other sources. Can provide drycleaning service weekly to 5,000 troops.

Strength. EM 9

Basis of allocation. One per 5,000 troops.

Mobility. Fixed.

Team FJ, drycleaning detachment—fixed—10,000

Capabilities. When furnished appropriate equipment and facilities, provides personnel to operate a fixed or semifixed drycleaning plant. Labor must be furnished from cellular-type teams or other sources. Can provide drycleaning service weekly to 10,000 troops.

Strength. EM 15

Basis of allocation. One per 10,000 troops.

Mobility. Fixed.

Team FK, clothing exchange and bath detachment—portable

Capabilities. Provides personnel for the operation of a portable eight-showerhead bath unit. On a single 10-hour-shift basis, can provide clothing exchange and bath service weekly for the following number of troops:

a. Division (category I)—2,000 troops.

b. Field army (category II)—2,500 troops.

c. COMMZ (category III)—3,000 troops.

Strength. EM 3

Basis of allocation. In accordance with the capabilities stated above.

Mobility. One hundred-percent mobile.

Quartermaster Renovation Teams

Teams GA—GF

Team GA, clothing and light textile renovation detachment—fixed—5,000

Capabilities. Provides personnel and equipment to perform support-level (direct

support/general support) maintenance on fabric items in a fixed type of installation.

Strength. EM 7
Basis of allocation. Assigned on the basis of 5,000 troops supported.

Mobility. Fixed.
Team GB, clothing and light textile renovation detachment—fixed—10,000

Capabilities. Provides personnel and equipment to perform support-level (direct support/general support) maintenance on fabric items in a fixed type of installation.

Strength. EM 13
Basis of allocation. Assigned on the basis of 10,000 troops supported.

Mobility. Fixed.
Team GC, clothing and light textile renovation detachment—fixed—15,000

Capabilities. Provides personnel and equipment to perform support-level (direct support/general support) maintenance on fabric items in a fixed type of installation.

Strength. Off 1 EM 19 Aggr 20
Basis of allocation. Assigned on the basis of 15,000 troops supported.

Mobility. Fixed.
Team GD, clothing and light textile renovation detachment—fixed—augmentation

Capabilities. Provides personnel to augment team GA, GB, or GC. With the augmentation of team GD, team GA, GB, or GC can support an additional 2,500 troops. Team GD not to be used separately.

Strength. EM 3
Basis of allocation. As required.
Mobility. Fixed.

Team GE, clothing and light textile renovation detachment—mobile—16,000

Capabilities. a. Provides personnel and equipment to perform support-level (direct support/general support) maintenance on fabric items in a semimobile type of repair installation.

b. Capabilities are reduced by approximately 13 percent when this detachment is employed as a category II unit.

Strength. Off 1 EM 21 Aggr 22
Basis of allocation. a. One per 16,000 troops in the COMMZ (category III).

b. One per 14,000 troops in the field army area (category II).

Mobility. One hundred-percent mobile.
Team GF, clothing and light textile renovation detachment—augmentation

Capabilities. Provides personnel for a second shift to operate equipment included in team GE. Not to be used separately.

Strength. EM 19
Basis of allocation. One per team GE to increase capability 100 percent.

Mobility. When employed, reduces the mobility of team GE to 75 percent.

**Quartermaster Refrigeration Operation Teams
Teams HA—HC**

Team HA, refrigeration detachment—mobile

Capabilities. Provides personnel and equipment for the preservation and delivery of perishable items. Mobile refrigeration requirements are based on a ¾-pound perishable ration component. The 7½-ton refrigeration semitrailer transports approximately 3 tons of balanced perishables per lift.

Type of operation	Perishables transported (tons)	Number of troops supported
Single lift -----	3	7,500
Sustained operations ----- (75-percent vehicle availability).	2½	5,625

Strength. EM 2
Basis of allocation. In accordance with capabilities stated above.

Mobility. One hundred-percent mobile.

Team HB, refrigeration detachment—semimobile

Capabilities. Provides personnel and equipment for the preservation and delivery of perishable items. Mobile refrigeration requirements are based on a ¾-pound perishable ration component. The 7½-ton refrigerator semitrailer transports approximately 3 tons of balanced perishables per lift. Capabilities are based on sustained operations (75-percent vehicle availability) and on the number of trips by the towing vehicle.

Single-lift round trips per day per tractor	Perishables transported (tons)	Number of troops supported
1	4½	11,250
2	9	22,500

Strength. EM 6
Basis of allocation. In accordance with capabilities stated above.

Mobility. Seventy-five-percent mobile.

Team HC, refrigeration detachment

Capabilities. Provides personnel for the operation and maintenance of a mobile, semifixed, or fixed perishable storage facility. May be used to augment teams HA and HB.

Strength. EM 1

Basis of allocation. As required, based on the size of storage and refrigeration unit used.

Mobility. Fixed.

Quartermaster Graves Registration Service Teams Teams IA—IH

Team IA, collection and evacuation detachment—5,000

Capabilities. Provides personnel to operate a collecting point for the receipt, processing, and further evacuation of remains to a temporary military cemetery or to a concentration point for final processing and disposition under a return program. Verifies and/or accomplishes further identification of remains and documents accompanying personal effects. As alternative, performs postcombat area search and recovery operations. Labor, as required, must be provided from labor teams or other sources.

Strength. Off 1 EM 9 Aggr 10

Basis of allocation. One per 5,000 troops supported.

Mobility. One hundred-percent mobile.

Team IB, collection and evacuation detachment—augmentation

Capabilities. Provides personnel to augment team IA. Increases the capability of team IA by 100 percent. Labor, as required, must be provided from labor teams or other sources. Not to be used separately.

Strength. EM 6

Basis of allocation. One per team IA.

Mobility. When employed with team IA, 100-percent mobile.

Team IC, search and recovery detachment, ground

Capabilities. Provides personnel to conduct search for, locate, and evacuate remains of deceased personnel by ground transportation from scheduled, isolated, or remote areas.

Strength. Off 1 EM 4 Aggr 5

Basis of allocation. As required.

Mobility. One hundred-percent mobile.

Team ID, search and recovery detachment—airborne—5,000

Capabilities. Provides personnel to paratroop to locate, identify, collect, and prepare remains and personal effects of deceased personnel for evacuation. Serves a force of 5,000.

Strength. Off 1 EM 9 Aggr 10

Basis of allocation. One per force of 5,000.

Mobility. Fixed.

Team IE, search and recovery detachment—airborne—augmentation

Capabilities. Provides personnel to augment team ID. Increases the capability of team ID by 100 percent. Not to be used separately.

Strength. EM 8

Basis of allocation. One per team ID.

Mobility. Fixed.

Team IF, cemetery detachment—65,000

Capabilities. Provides personnel to establish, operate, and maintain a temporary military cemetery or to operate a concentration point for final processing and disposition of remains under a return program. Receives remains of deceased military personnel and other personnel, as authorized or circumstances require, and establishes or confirms identification of such remains. Collects, inventories, records, and makes disposition of personal effects accompanying remains. Conducts appropriate burial services, supervises the interment of remains, and prepares and maintains required burial records. Labor, as required, must be provided from labor teams or other sources.

Strength. Off 1 EM 26 Aggr 27

Basis of allocation. One per 65,000 troops supported.

Mobility. Thirty-percent mobile.

Team IG, cemetery detachment—augmentation

Capabilities. Provides personnel to augment team IF. Increases the capability of team IF by 100 percent. Labor, as required, must be provided from labor teams or other sources.

Strength. EM 19

Basis of allocation. One per team IF.

Mobility. When employed with team IF, increases that team's mobility to 90 percent.

Team IH, cemetery caretaking detachment

Capabilities. Provides personnel and equipment to direct and supervise the care, preservation, and maintenance of a temporary military cemetery. Labor, as required, must be provided from labor teams or other sources.

Strength. EM 7

Basis of allocation. As required in the theater of operations.

Mobility. One hundred-percent mobile.

Quartermaster Petroleum Teams Teams JA—JO

Team JA, petroleum quality surveillance detachment

Capabilities. Provides personnel and equipment for field sampling, identification, and quality

evaluation of petroleum products to detect contamination and to insure that products are suitable for their intended use. Can perform routine chemical and physical tests subject to equipment limitations of the petroleum testing kit.

Strength. EM 1

Basis of allocation. As required in a theater of operations. May be used in combination with other petroleum teams to establish a class III supply point or to augment teams JB and JC.

Mobility. One hundred-percent mobile.

Team JB, petroleum products laboratory detachment—base

Capabilities. Provides personnel for the operation of a petroleum products laboratory detachment (base). Renders technical assistance to commanders in matters pertaining to the handling, storage, sampling, identification, and quality evaluation of petroleum products and containers therefor.

Strength. Off 2 EM 11 Aggr 13

Basis of allocation. One per army plus one per TASCOT in support of one army; two per TASCOT in support of two armies, etc.

Mobility. Fixed.

Team JC, petroleum products laboratory detachment—mobile

Capabilities. Provides personnel for the operation of a mobile petroleum products laboratory detachment. Renders technical assistance to commanders in matters pertaining to the handling, storage, sampling, identification, and quality evaluation of petroleum products and containers therefor.

Strength. Off 1 EM 6 Aggr 7

Basis of allocation. As required for special operations; two per army plus one per TASCOT in support of one army; two per TASCOT in support of two armies, etc.

Mobility. One hundred-percent mobile.

Team JD, petroleum bulk storage and issue detachment—semimobile

Capabilities. Provides personnel and equipment to operate from one to three convoy refueling points on a single-shift basis. When resupplied with bulk fuel, can issue a maximum of 60,000 gallons per day.

Strength. EM 8

Basis of allocation. As required in a theater of operations. May be used in combination with teams JE, JF, and JH, as required, to establish a class III supply point.

Mobility. Thirty-percent mobile.

Team JE, petroleum packaged products detachment—semimobile

Capabilities. Provides personnel and equipment for receipt, storage, and issue of packaged petroleum products. Operating on a single shift, can handle 7.5 tons of greases, oils, and lubricants; also can handle—

	5-gal cans	or	55-gal drums
Filling -----	5,000		500
Cleaning -----	1,500		150

Strength. EM 10

Basis of allocation. Assigned on the basis of the capabilities indicated above. May be used in combination with teams JD, JF, and JH, as required, to establish a class III supply point.

Mobility. Fifty-percent mobile.

Team JF, petroleum bulk distribution detachment—mobile

Capabilities. Provides personnel and equipment on a single-shift basis for local delivery of bulk petroleum products. At 75-percent vehicle availability, delivers approximately 26,000 gallons per lift.

Strength. EM 17

Basis of allocation. As required in a theater of operations. May be used in combination with teams JD, JE, and JH, as required, to establish a class III supply point.

Mobility. One hundred-percent mobile.

Team JG, petroleum bulk distribution detachment—augmentation

Capabilities. Provides personnel for second-shift operation of equipment provided in team JF. Augmentation to team JF only. Not to be used separately.

Strength. EM 6

Basis of allocation. As required to provide second-shift operation for team JF.

Mobility. When employed with team JF, 100-percent mobile.

Team JH, petroleum dispensing detachment

Capabilities. When furnished appropriate equipment and facilities, provides personnel for a single shift to operate at—

a. Terminal loading rack for filling barges, tank cars, and tank trucks.

b. Small semifixed or mobile filling station.

Strength. EM 2

Basis of allocation. As required to operate existing or proposed facilities in a theater of operations.

Mobility. Fixed.

Team JI, petroleum tank farm detachment

Capabilities. Provides personnel to operate a petroleum tank farm complex consisting of from one to five 10,000- to 50,000-barrel rigid tanks, with a maximum storage capacity of 250,000 barrels.

Strength. EM 4

Basis of allocation. One per tank farm complex consisting of from one to five rigid tanks.

Mobility. One hundred-percent mobile.

Team JJ, petroleum tank cleaning detachment—semimobile

Capabilities. Provides personnel and equipment for cleaning rigid petroleum storage tanks and railway tank cars, tank trucks, and barges used to transport bulk petroleum products. Individual safety protective clothing and equipment required will be requisitioned in accordance with CTA 50-914.

Strength. EM 5

Basis of allocation. One per army and two per TASCOT in support of one army and as required in a theater of operations.

Mobility. Fifty-percent mobile.

Team JK, petroleum pipeline control detachment

Capabilities. Supervises the operation of a portion of a multiproduct petroleum pipeline, including from two to four pump stations, and performs organizational maintenance thereon.

Strength. Off 1 EM 6 Aggr 7

Basis of allocation. One per two to four teams JL and JM. When required, dispatching personnel may be provided by the attachment of teams JN and JO.

Mobility. Forty-percent mobile.

Team JL, petroleum pipeline pump station detachment

Capabilities. Provides personnel to operate a pipeline pump station, to patrol approximately 15 miles of pipeline adjacent to a pump station, and to perform operator maintenance thereon.

Strength. EM 9

Basis of allocation. One per petroleum pipeline pump station.

Mobility. Eighty-percent mobile.

Team JM, petroleum pipeline service support detachment

Capabilities. Performs organizational maintenance on a portion of a multiproduct petroleum pipeline and pump stations for which team JK is responsible to include all assigned equipment of teams JK and JL.

Strength. EM 8

Basis of allocation. One per team JK with from two to four teams JL.

Mobility. One hundred-percent mobile.

Team JN, petroleum pipeline dispatching detachment

Capabilities. Performs dispatching functions, on a single shift, for movement of petroleum products by pipeline.

Strength. Off 1 EM 5 Aggr 6

Basis of allocation. As required. Augments team JK when assigned responsibility for dispatching petroleum products by pipeline. Not to be used separately.

Mobility. Fifty-percent mobile.

Team JO, petroleum pipeline dispatch detachment—augmentation

Capabilities. Augments team JN to provide personnel for a second-shift operation. Provides additional dispatching personnel for existing organizations other than TOE 10-500 teams.

Strength. EM 4

Basis of allocation. As required.

Mobility. When employed with team JN, reduces that team's mobility to 35 percent.

Quartermaster Miscellaneous Teams Teams KA—KD

Team KA, dog team detachment

Capabilities. Provides personnel and dogs for transporting light cargo by sledge or pack in arctic areas, particularly where routes to be traversed include pack ice on the sea or crevassed and mountainous areas. Provides the following service:

Type	Payload per trip (lb)	Daily rate of (average) per hour (miles)	Weight of cargo (average) per dog (lb)
Sledge ----- (heavy).	3,150	2½	70
Sledge ----- (light).	2,250	5	50
Pack -----	1,575	2	35

Strength. Off 1 EM 22 Aggr 23

Basis of allocation. In accordance with the capabilities stated above.

Mobility. One hundred-percent mobile.

Team KB, dog team detachment—augmentation

Capabilities. Provides personnel and dogs to supplement team KA. Team KB increases the capability of team KA by approximately 50 percent. Not to be used separately.

Strength. EM 11

Basis of allocation. As required to increase

the capability of team KA, not to exceed 100 percent.

Mobility. When employed with team KA, 100-percent mobile.

Team KC, DDT dispensing detachment—6,000

Capabilities. Provides personnel and equipment to delouse personnel, individual clothing, and equipment by dusting with DDT powder.

Strength. EM 13

Basis of allocation. One per 6,000 individuals to be processed daily.

Mobility. One hundred-percent mobile.

Team KD, fumigation detachment—1,800

Capabilities. Provides personnel and equipment to fumigate individual clothing and equipment, excluding shoes. Transportation for relocation of this detachment must be provided by the supported activity or other exterior sources.

Strength. EM 9

Basis of allocation. One per 1,800 individuals to be processed daily.

Mobility. Fixed.

CHAPTER 9

SIGNAL UNITS

11-15G Corps Sig Bn

Mission. a. To provide command communication systems between a corps HQ, major subordinate units, and echelons of the corps HQ.

b. To provide multichannel communication circuits between a corps artillery HQ and its major subordinate units.

c. To provide photographic support (except aerial photography) for a corps HQ.

Assignment. Normally to corps; may be assigned to a signal group supporting a separate corps.

Capabilities. a. At level 1, this unit provides the following support for a corps:

(1) Multichannel communication circuits (12 or 24 channels for telephone, teletypewriter, facsimile, and data) from corps main and alternate multichannel systems between the corps alternate command post and the alternate or advance command posts of four divisions.

(2) Multichannel communication systems between the corps artillery command post and major subordinate artillery units to include four groups and two battalions.

(3) Command RATT nets from corps main and alternate command posts to major subordinate units in the corps to include providing subordinate stations in the nets.

(4) Air and ground messenger support between echelons of the corps HQ and major subordinate units.

(5) Internal communication facilities for corps main, alternate, and tactical command posts to include communication facilities for a corps main and alternate tactical operations center.

(6) Field wire and cable circuits required to supplement and/or interconnect multichannel radio-relay equipment and internal communication facilities at the various corps command echelons.

(7) Radio wire integration facilities at the various corps command echelons.

(8) Still photography and motion-picture support (except aerial photography and processing of motion-picture and color film).

b. At levels 2 and 3, the capability to extend the corps multichannel radio-relay systems through radio-relay repeaters is reduced.

c. This unit is not adaptable to a type B organization.

d. This unit depends on—

(1) The army signal brigade for entrance facilities into the army area and army command communication systems.

(2) The field army communication system for interconnecting echelons of the corps HQ to combat support units not assigned to the corps, combat service support units, and the army air control system.

(3) Field army or higher echelons for processing motion-picture and color film.

(4) Service organizations in the corps area for medical and dental services, supplemental transportation, and other logistic support services.

e. Normally, additional signal units will be required for support of a separate or independent corps operation. For a typical separate corps task force, the typical signal unit troop list required would include—

(1) One HHD, signal group (TOE 11-122).

(2) One corps signal battalion (TOE 11-15).

(3) One signal army area battalion (TOE 11-85).

(4) One signal operations company, medium HQ (TOE 11-127).

(5) One signal support company (TOE 11-117).

f. Corps operating at extended distances where the tactical situation precludes employment of radio-relay repeaters will require augmentation by tropospheric scatter radio teams (TOE 11-500).

g. Individuals of this organization, except chaplain, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. When organized with TOE 11-18G (SRC 11018G710) and TOE 11-19G (SRC 11019G710):

- (1) Level 1: Off 44 WO 20
EM 1,109 Aggr 1,173
- (2) Level 2: Off 44 WO 20
EM 993 Aggr 1,057
- (3) Level 3: Off 43 WO 20
EM 879 Aggr 942

b. When organized with TOE 11-18G (SRC 11018G720) and TOE 11-19G (SRC 11019G720):

- (1) Level 1: Off 44 WO 20
EM 1,149 Aggr 1,213
- (2) Level 2: Off 44 WO 20
EM 1,028 Aggr 1,092
- (3) Level 3: Off 43 WO 20
EM 912 Aggr 975

Basis of allocation. One per corps or signal group when attached to a separate corps.

Category. II.

Mobility. For mobility of units organic to this battalion, see applicable TOE extracts.

Components. a. One HHC (TOE 11-16G).

b. Two command operations companies (main or alternate) (TOE 11-17G).

c. One command radio-relay and cable company (TOE 11-18G).

d. One command artillery radio-relay company (TOE 11-19G).

11-16G HHC, Corps Sig Bn

Mission. a. To plan, direct, and coordinate operations, training, and administration for a corps signal battalion.

b. To provide photographic service for the corps (except aerial photography).

c. To provide aviation support for battalion operations.

d. To provide communication support for a corps tactical or rear/base command post.

Assignment. Organic to corps signal battalion (TOE 11-15).

Capabilities. a. At level 1, this unit provides—

(1) Command, control, and staff planning for the battalion to include a battalion system control center, which plans and directs the detailed engineering and operations of a corps command communication system.

(2) Communication facilities for a corps tactical or rear/base command post to include telephone switchboard service, a communication

center facility, a RATT, and a radio wire integration facility.

(3) Two mobile radio communication facilities for use by the corps commander and his staff, as required. One mobile facility provides FM voice radio communication with a transmission security capability; the other provides FM voice.

(4) Maintenance for organic signal communication equipment (except avionics).

(5) Corps air messenger and courier service, aerial resupply service to isolated radio-relay stations organic to the battalion, rapid resupply of organic signal equipment to insure uninterrupted communication for the corps, and aerial wire-laying service.

(6) Photographic service for the corps (except aerial photography).

(7) Battalion-level organizational maintenance for vehicles and power generators organic to the battalion to include organizational maintenance for vehicles, power generators, aircraft, and avionic equipment organic to the HQ company.

(8) Unit administration, mess, supply, and organizational maintenance for organic arms of the HHC.

(9) Religious service and battalion-level personnel and supply support.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) Appropriate units in the area for medical and dental services and supplemental transportation.

(2) Theater army pictorial units for processing motion-picture and color film.

(3) Corps aviation maintenance units for direct support maintenance of organic aircraft and associated avionic equipment.

d. Additional aircraft are authorized when operating in Southeast Asia or similar environment (two teams FE and nine teams FF (TOE 1-500)).

e. Individuals of this organization, except chaplain, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 17 WO 16
EM 214 Aggr 247

b. Level 2: Off 17 WO 16
EM 189 Aggr 222

c. Level 3: Off 16 WO 16
EM 167 Aggr 199

Basis of allocation. One per corps signal battalion (TOE 11-15).

Category. II.

Mobility. Seventy-five-percent mobile.

11-17G CO Co (Main or Altn), Corps Sig Bn

Mission. To provide internal communication facilities at a corps command post and radio communications between the corps command post and major subordinate units of the corps.

Assignment. Organic to corps signal battalion (TOE 11-15).

Capabilities. a. At level 1, this unit provides—

(1) A communication center capability at a corps command post to include a teletypewriter terminal facility; a tape-relay facility; a message center facility; and a motor messenger service between the corps command post, adjacent, equal, and subordinate HQ, as required.

(2) Net control RATT stations for corps command nets at a corps command post, five RATT stations to operate in command nets at locations of major subordinate corps units, a RATT station for operation in the army air request net, and a radio wire integration facility at a corps command post.

(3) A telephone central office facility for a corps command post.

(4) Internal communication facilities for a corps tactical operations center for termination of high-priority and sole-user telephone teletypewriter, and facsimile circuits.

(5) Mess facilities and organizational maintenance for organic arms, vehicles, signal equipment, and power generators.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) The command radio-relay and cable company (TOE 11-18) for communication trunk facilitate and long local cable and wire circuits.

(2) Signal army area units (TOE 11-85) for entry into the field army communication system.

(3) The HHC (TOE 11-16) for battalion-level administrative, personnel, and supply services; battalion-level organizational maintenance of motor vehicles and power generators; supplemental maintenance of organic signal communication equipment; and religious services.

(4) Appropriate units in the area for medi-

cal and dental services and supplemental transportation.

(5) Team TE (TOE 11-500) to install, operate, and maintain data transceiver devices, as required.

(6) Teams in TOE 11-500 and TOE 29-500 for additional communication and administrative capabilities, as required.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 8 WO 2

EM 232 Aggr 242

b. Level 2: Off 8 WO 2

EM 208 Aggr 218

c. Level 3: Off 8 WO 2

EM 184 Aggr 194

Basis of allocation. Two per corps signal battalion (TOE 11-15).

Category. II.

Mobility. Eighty-percent mobile.

11-18G Comd RADREL and Cable Co, Corps Sig Bn

Mission. To provide multichannel communication systems between echelons of a corps HQ and its major subordinate units.

Assignment. Organic to corps signal battalion (TOE 11-15).

Capabilities. a. At level 1, this unit—

(1) Installs, operates and maintains main and alternate command-oriented multichannel systems that include 24-channel systems between corps main and alternate command posts and main and alternate command posts of four divisions; 12-channel systems between a corps main command post and an armored cavalry regiment, aviation group, a separate combat brigade, and a corps tactical air command command post; and 24-channel terminals for termination of corps systems to a corps artillery HQ and the main or alternate corps command post. In addition, 11 repeater facilities are provided to extend the range of a corps system. (SRC 11018G720 only.)

(2) Installs and maintains field wire and field cable to support and supplement the corps multichannel radio-relay system.

(3) Provides mess facilities and performs organizational maintenance on organic arms, vehicles, signal equipment, and power generators.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) The HHC (TOE 11-16) for religious services; battalion-level administrative, personnel, and supply support; battalion-level organizational maintenance of motor vehicles and power generators; and direct support maintenance of certain items of signal communication equipment.

(2) Appropriate units in the area for medical and dental services and supplemental transportation.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. When equipped with AN/TRC-110 (radio-repeater set) and AN/TCC-61 (telephone terminal) (24-channel circuit) (SRC 11018G710):

- (1) Level 1: Off 8 EM 321
Aggr 329
- (2) Level 2: Off 8 EM 288
Aggr 296
- (3) Level 3: Off 8 EM 255
Aggr 263

b. When equipped with AN/MRC-103 (radio-repeater set) and AN/MCC-6 (terminal telegraph/telephone) (12-channel circuit) (SRC 11018G720):

- (1) Level 1: Off 8 EM 348
Aggr 356
- (2) Level 2: Off 8 EM 312
Aggr 320
- (3) Level 3: Off 8 EM 280
Aggr 288

Basis of allocation. One per corps signal battalion (TOE 11-15).

Category. II.

Mobility. Eighty-percent mobile.

11-19G Comd Arty RADREL Co, Corps Sig Bn

Mission. To provide multichannel communication systems between a corps artillery HQ and its major subordinate units.

Assignment. Organic to corps signal battalion (TOE 11-15).

Capabilities. a. At level 1, this unit—

(1) Installs, operates, and maintains command-oriented multichannel systems that include two 24-channel radio-relay terminals for the termination of multichannel systems from corps main and alternate command posts and 12-channel systems between a corps artillery command

post, four corps artillery groups, and two separate corps artillery battalions. In addition, three radio-relay (repeater) facilities are provided to extend the range of the corps artillery.

(2) Installs, operates, and maintains a technical control facility that provides for circuit patching and control of the corps artillery multichannel radio-relay system.

(3) Installs and maintains cable to support and supplement the corps artillery multichannel radio-relay systems.

(4) Provides mess facilities and performs organizational maintenance on organic arms, vehicles, signal equipment, and power generators.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) Corps command multichannel communication systems for telephone and teletypewriter communications to division artillery units.

(2) The HHC (TOE 11-16) for battalion-level administrative, personnel, and supply services; battalion-level organizational maintenance of motor vehicles and power generators; direct support maintenance of organic signal communication equipment; and religious services.

(3) Appropriate units in the area for medical and dental services and supplemental transportation.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. When organized under SRC 11019G710:

- (1) Level 1: Off 3 EM 110
Aggr 113
- (2) Level 2: Off 3 EM 100
Aggr 103
- (3) Level 3: Off 3 EM 89
Aggr 92

b. When organized under SRC 11019G720:

- (1) Level 1: Off 3 EM 123
Aggr 126
- (2) Level 2: Off 3 EM 111
Aggr 114
- (3) Level 3: Off 3 EM 97
Aggr 100

Basis of allocation. One per corps signal battalion (TOE 11-15).

Category. II.

Mobility. Eighty-percent mobile.

Remarks. The SRC 11019G720 variation of this TOE equips the unit with medium-capacity PCM radio-relay equipment.

11-25G Sig CB

Mission. To provide construction and maintenance of wire and cable circuits.

Assignment. To theater signal operations command, theater army; to army signal brigade, field army; or as required.

Capabilities. a. At level 1, this unit provides—

(1) Installation, maintenance, and rehabilitation of field and open wire lines, spiral-four, and lead cable.

(2) Capability for the following:

(a) Construction of five open wire circuits, approximately 5 miles per day, or

(b) Construction of 10 open wire circuits, approximately 4 miles per day, or

(c) Construction of field cable suspended on messenger wire, approximately 1,000 cable-miles per day, or

(d) Installation of field wire on ground, approximately 1,000 wire-miles per day.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. This unit depends on—

(1) One medical service team OA (TOE 8-500) for battalion medical support.

(2) One unit personnel team from TOE 29-500 and two motor maintenance teams from TOE 29-600 for additional administrative and maintenance support when the signal construction company (TOE 11-27) operates as a separate company.

d. Individuals of this organization, except chaplain, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 30 WO 8
EM 890 Aggr 928

b. Level 2: Off 30 WO 8
EM 798 Aggr 836

c. Level 3: Off 30 WO 7
EM 706 Aggr 743

d. Type B: Off 30 WO 8
EM 628 Aggr 666

Basis of allocation. a. One or more per army signal brigade.

b. One or more per theater signal operations command, theater army.

c. Separate unit, as required.

Category. II.

Mobility. Seventy-five-percent mobile.

Components. a. One HHC (TOE 11-26G).

b. Four signal construction companies (TOE 11-27G).

11-26G HHC, Sig CB

Mission. To direct and coordinate operations of the battalion and to provide facilities with which the battalion commander controls the battalion.

Assignment. Organic to signal construction battalion (TOE 11-25).

Capabilities. a. At level 1, this unit provides—

(1) Command, control, and staff planning.

(2) Supervision to include administration, supply, and organizational maintenance.

(3) Aviation support for the battalion.

b. The capabilities of a type B organization are the same as those of level 1 organization.

c. This unit depends on team OA (TOE 8-500) for medical service to include emergency medical treatment; operation of aid stations; evacuation of casualties, if practicable; and supervision of sanitation.

d. Individuals of this organization, except chaplain personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 10 WO 8
EM 70 Aggr 88

b. Level 2: Off 10 WO 8
EM 62 Aggr 80

c. Level 3: Off 10 WO 7
EM 54 Aggr 71

d. Type B: Off 10 WO 8
EM 44 Aggr 62

Basis of allocation. One per signal construction battalion.

Category. II.

Mobility. Seventy-five-percent mobile.

11-27G Sig Const Co

Mission. To construct wire and cable circuits.

Assignment. Organic to signal construction battalion (TOE 11-25) and signal operations battalion (TOE 11-345).

Capabilities. a. At level 1, this unit provides installation, maintenance, and rehabilitation of field and open wire lines and field and lead-covered cable.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. This unit depends on one unit personnel team from TOE 29-500 and two motor maintenance

nance teams from TOE 29-600 for additional unit personnel and motor vehicle maintenance support when operating as a separate unit or when assigned to a signal operations battalion (TOE 11-345).

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. *a.* Level 1: Off 5 EM 205
Aggr 210
b. Level 2: Off 5 EM 184
Aggr 189
c. Level 3: Off 5 EM 163
Aggr 168
d. Type B: Off 5 EM 146
Aggr 151

Basis of allocation. *a.* Four per signal construction battalion (TOE 11-25).

b. One per signal operations battalion (TOE 11-345).

c. Separate unit, as required.

Category. II.

Mobility. Seventy-five-percent mobile.

11-45G Sig Cable CB

Mission. *a.* To install signal field cable circuits.

b. To perform rehabilitation and maintenance of existing indigenous field cable, lead-covered cable, and open wire circuits.

c. To perform field cable recovery and field cable repair.

Assignment. Normally to army signal brigade or to USASTRATCOM (theater).

Capabilities. *a.* At level 1, this unit—

(1) Installs special-purpose cable, spiral-four cable, and associated unattended repeaters as follows:

(a) Approximately 720 cable-kilometers per day when laid on the ground.

(b) Approximately 480 cable-kilometers per day when installed in trenches or placed on existing poles or trees.

(c) Approximately 240 cable-kilometers per day on light messenger wire on temporary or hasty pole lines.

(2) Rehabilitates indigenous open wire, lead-covered cable, or field cable circuits.

(3) Assists area signal companies in the field army area or the theater area signal battalion (COMMZ) in the installation of field cable trunk circuits.

(4) Performs recovery and repair of field cable.

(5) Provides organic aircraft for battalion command, control, and reconnaissance.

b. This unit is not adaptable to a type B organization.

c. This unit depends on service organizations in the area for medical and dental services and supplemental transportation.

d. Individuals of this organization, except chaplain, can engage in effective, coordinated defense of the unit's area or installation.

Strength. *a.* Level 1: Off 23 WO 6
EM 891 Aggr 920
b. Level 2: Off 23 WO 6
EM 790 Aggr 819
c. Level 3: Off 23 WO 6
EM 700 Aggr 729

Basis of allocation. As required for an army signal brigade or a USASTRATCOM (theater).

Category. II.

Mobility. For mobility of the components of this battalion, see applicable TOE extracts.

Components. *a.* One HHC (TOE 11-46G).

b. Three signal cable construction companies (TOE 11-47G).

11-46G HHC, Sig Cable CB

Mission. *a.* To direct and coordinate the operations and training of a signal cable construction battalion and to provide command, administration, and logistic support for the battalion.

b. To provide consolidated personnel administration, supervision of supply, and supplemental motor and signal maintenance for the battalion.

c. To provide the battalion organic aircraft for battalion command, control, and reconnaissance.

d. To provide rehabilitation and maintenance of indigenous cable and field cable repair for the battalion.

Assignment. Organic to signal cable construction battalion (TOE 11-45).

Capabilities. *a.* At level 1, this unit—

(1) Commands, plans, controls, and coordinates the operations and training of a signal cable construction battalion.

(2) Provides administration and logistic support for a signal cable construction battalion to include consolidated personnel administration, battalion supply and supplemental signal and motor maintenance, and field cable repair for the battalion.

(3) Provides rehabilitation and maintenance of existing indigenous lead cable.

(4) Provides organic aircraft for battalion command, control, and reconnaissance.

b. This unit is not adaptable to a type B organization.

c. This unit depends on appropriate units in the area for medical and dental services and supplemental transportation.

d. Individuals of this organization, except chaplain, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 11 WO 6
EM 87 Aggr 104
b. Level 2: Off 11 WO 6
EM 73 Aggr 90
c. Level 3: Off 11 WO 6
EM 61 Aggr 78

Basis of allocation. One per signal cable construction battalion (TOE 11-45).

Category. II.

Mobility. One hundred-percent mobile.

11-47G Sig Cable Const Co

Mission. a. To perform signal field cable construction.

b. To perform rehabilitation of existing indigenous lead-covered cable, field cable, and open wire circuits.

c. To perform field cable recovery.

Assignment. Organic to signal cable construction battalion (TOE 11-45) or signal operations battalion (TOE 11-345).

Capabilities. a. At level 1, this unit—

(1) Installs special-purpose field cable and spiral-four circuits and associated unattended repeaters as follows:

(a) Approximately 240 cable-kilometers per day when laid on the ground.

(b) Approximately 160 cable-kilometers per day when installed in trenches or placed on existing poles or trees.

(c) Approximately 80 cable-kilometers per day on light messenger wire on temporary or hasty pole lines.

(2) Rehabilitates indigenous open wire and cable circuits.

(3) Performs recovery of field cable.

(4) Provides command, planning, and operational control for organic wire teams.

b. This unit is not adaptable to a type B organization.

c. Thus unit depends on—

(1) The HHC (TOE 11-46) for—

(a) Aviation support.

(b) Consolidated personnel administration.

(c) Supplemental generator and motor maintenance.

(d) Religious services.

(e) Cable splicers and cable repairmen when the company is engaged in the rehabilitation of indigenous lead-covered cable, field cable, and open wire circuits.

(2) Appropriate units in the area for medical and dental services.

(3) Appropriate teams from TOE 29-500 and TOE 29-600 and team GO (TOE 11-500) when operating as an independent company without a parent unit.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 4 EM 268
Aggr 272

b. Level 2: Off 4 EM 239
Aggr 243

c. Level 3: Off 4 EM 213
Aggr 217

Basis of allocation. Three per signal cable construction battalion (TOE 11-45); one per signal operations battalion (TOE 11-345).

Category. II.

Mobility. One hundred-percent mobile.

11-75G Army Comd Sig Rdo and Cable Bn

Mission. To provide multichannel RATT, field cable, and wire facilities for command-oriented systems between a field army HQ and subordinate units, between echelons of a field army HQ, and to an adjacent field army HQ.

Assignment. To army signal brigade.

Capabilities. a. At level 1, this unit—

(1) Installs, operates, and maintains command-oriented multichannel radio-relay systems as indicated below.

(a) One 24-channel system between main and alternate echelons of a field army HQ.

(b) Eight 24-channel systems from echelons of field army HQ as follows:

1. One 24-channel system between an army main echelon and each corps main command post (three corps).

2. One 24-channel system between an army alternate echelon and each corps alternate command post (three corps).

3. One 24-channel system from an army main echelon to an army area signal center.

4. One 24-channel system from an army alternate to an army area signal center.

(c) Four 12-channel systems between echelons of a field army HQ as follows:

1. One 12-channel system between an army main echelon and an army rear echelon.

2. One 12-channel system between an army alternate echelon and an army rear echelon.

3. One 12-channel system between an army main echelon and FASCOM main echelon.

4. One 12-channel system between an army alternate echelon and FASCOM alternate echelon.

(d) Fourteen 12-channel systems between echelons of a field army HQ and major subordinate army unit HQ as follows:

1. Seven 12-channel systems between an army main echelon and seven major subordinate army unit HQ.

2. Seven 12-channel systems between an army alternate echelon and seven major subordinate army unit HQ.

(2) Installs, operates, and maintains RATT communication facilities to include—

(a) RATT net control stations at both the main and alternate echelons of a field army HQ for operation in each of the six army command nets.

(b) Sixteen individual mobile subordinate RATT stations for operation in army command nets at army rear echelon, FASCOM, and HQ of major subordinate army units.

(c) RATT net control stations for operation at both the main and alternate echelons of a field army HQ in each of the four army air request nets.

(d) Two RATT stations for operation in the army signal brigade command and control net in support of TOE 11-75 and TOE 11-95.

(3) Installs, operates, and maintains a radio wire integration facility at both main and alternate echelons of a field army HQ.

(4) Provides aerial resupply and evacuation of critical signal communication items employed at the radio-relay sites and other isolated signal installations located in remote or otherwise inaccessible areas that are installed, operated, and

maintained by elements of signal units assigned to the battalion.

(5) Provides mobile (aerial and motor) direct support signal maintenance.

(6) Provides air reconnaissance for wire and cable routes.

(7) Installs, operates, and maintains field cable communication systems to support the multi-channel radio-relay systems installed by the battalion.

(8) Installs and maintains field wire and cable trunk circuits between echelons of a field army HQ and major subordinate and/or adjacent army unit HQ, as required.

(9) Rehabilitates indigenous cable and open wire lines in the battalion's area of responsibility.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) The army signal brigade for communication system control, circuit allocations and priorities, and frequency allocation information.

(2) Service organizations in the area for medical service and for additional transportation, as required.

(3) The servicing finance office for finance support.

(4) Teams FE and FF (TOE 1-500) for additional aircraft when operating in Southeast Asia or similar environment.

(5) Signal communication teams from TOE 11-500 when authorized to support army ground liaison officer teams and/or when additional army air request capabilities are required.

d. Individuals of this organization, except chaplain, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. When organized with TOE 11-77G (SRC 11077G710):

(1) Level 1: Off 28 WO 12

EM 868 Aggr 908

(2) Level 2: Off 28 WO 12

EM 780 Aggr 820

(3) Level 3: Off 28 WO 12

EM 687 Aggr 727

b. When organized with TOE 11-77G (SRC 11077G720):

(1) Level 1: Off 28 WO 12

EM 956 Aggr 996

(2) Level 2: Off 28 WO 12

EM 862 Aggr 902

(3) Level 3: Off 28 WO 12

EM 761 Aggr 801

Basis of allocation. One per army signal brigade.

Category. II.

Mobility. For mobility of units organic to this battalion, see applicable TOE extracts.

Components. a. One HHC (TOE 11-76G).

b. Two radio companies (TOE 11-77G).

c. One cable and wire company (TOE 11-78G).

11-76G HHC, Army Comd Sig Rdo and Cable Bn

Mission. To direct and coordinate operations and training of an army command signal radio and cable battalion and to provide command, administration, and logistic support for the battalion.

Assignment. Organic to army command signal radio and cable battalion (TOE 11-75).

Capabilities. a. At level 1, this unit provides—

(1) Command, control, staff planning, and supervision of the battalion.

(2) Religious services for the battalion.

(3) Battalion-level administrative, personnel, and supply services to include aerial resupply and evacuation of critical signal communication items employed at radio-relay sites and other isolated signal installations located in remote or otherwise inaccessible areas that are installed, operated, and maintained by elements of signal units assigned to the battalion.

(4) Battalion-level organizational maintenance for vehicles and power generators organic to the battalion to include organizational maintenance of vehicles and power generators organic to the HQ company.

(5) Mobile (air and motor) direct support signal maintenance facilities to supplement the direct support signal maintenance provided by companies organic to the battalion.

(6) System control and circuit allocation information facilities.

(7) Air reconnaissance of routes to be used for the installation of wire and cable circuits by units organic to the battalion.

(8) Unit administration, mess, supply, and organizational maintenance for organic arms of the HHC.

b. This unit is not adaptable to a type B organization.

c. Thus unit depends on—

(1) Appropriate units in the area for medi-

cal and dental services, supplemental transportation, and finance support.

(2) The radio company (TOE 11-77) for HF radio communications to the army signal brigade.

(3) Teams FE and FF (TOE 1-500) for additional aircraft when operating in Southeast Asia or similar environment.

d. Individuals of this organization, except chaplain, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 12 WO 12
EM 123 Aggr 147

b. Level 2: Off 12 WO 12
EM 109 Aggr 133

c. Level 3: Off 12 WO 12
EM 93 Aggr 117

Basis of allocation. One per army command signal radio and cable battalion (TOE 11-75).

Category. II.

Mobility. Eighty-percent mobile.

11-77G Rdo Co, Army Comd Sig Rdo and Cable Bn

Mission. To provide HF and radio-relay command communications from echelons of a field army HQ to its major subordinate HQ, and between the echelons of a field army HQ.

Assignment. Organic to army command signal radio and cable battalion (TOE 11-75).

Capabilities. a. At level 1, this unit—

(1) Installs, operates, and maintains radio-relay facilities to support either the main or alternate echelon of a field army HQ to include—

(a) Three 24-channel systems consisting of three 24-channel terminals located at the supported army echelon (army main or alternate) and one 24-channel terminal located at each of the three corps main command posts or three corps alternate command posts.

(b) One 24-channel terminal at either army main or alternate to terminate the system between these echelons.

(c) Eight 12-channel terminals at army main or alternate to terminate command systems to FASCOM main or alternate army artillery HQ, Air Force support HQ, army air defense artillery command, aviation brigade, armored cavalry regiment, armored division, and infantry division (mechanized).

(d) One 24-channel system between army main or alternate and an army area signal center.

(e) One 12-channel system between army main or alternate and army rear.

(2) Installs, operates, and maintains radio-relay repeater facilities to provide a 100-percent repeater capability for army command systems to corps main or alternate command posts and approximately a 50-percent repeater capability for all other army command systems.

(3) Installs, operates, and maintains army HF RATT communication systems as follows:

(a) One station in each of the six command nets at the echelon of army HQ supported by this unit.

(b) Eight distant stations located at designated major subordinate army unit HQ for operation in one of the six army command nets, as directed.

(c) One station at army main or alternate and one station at the adjacent army main or alternate for operating in one of the two point-to-point nets, as required.

(d) One station for operation in the army signal brigade's command and control net.

(4) Provides the net control station in each of the four army air request nets at the echelon of the army HQ supported by this unit.

(5) Installs, operates, and maintains a radio wire integration facility at the echelon of army HQ supported by this unit.

(6) Installs, operates, and maintains two communication patch panels (facilities and system control), each providing circuit patching and control of terminal communication systems.

(7) Performs onsite direct support signal maintenance on organic signal equipment deployed in an operational communication system or complex.

(8) Provides unit administration, supply and mess facilities, and organizational maintenance for organic arms, vehicles, and power equipment.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) The cable and wire company (TOE 11-78) for the installation of all field cable circuits.

(2) The signal army area company (TOE 11-87) for additional circuits required for entry into the field army communication system.

(3) The HHC (TOE 11-76) for consolidated personnel administration, supplemental motor maintenance, supplemental direct support signal maintenance, and chaplain services.

(4) Appropriate units in the area for medical service and supplemental transportation.

(5) Signal maintenance and communication teams from TOE 11-500 and TOE 29-600 series when authorized to support army ground liaison officer teams and/or where additional army air request capabilities are required.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. When equipped with AN/TRC-110 (radio-repeater set) and AN/TCC-61 (telephone terminal) (24-channel circuit) (SRC 11077G710):

(1) Level 1: Off 6 EM 279

Aggr 285

(2) Level 2: Off 6 EM 251

Aggr 257

(3) Level 3: Off 6 EM 222

Aggr 228

b. When equipped with AN/MCC-6 (terminal telegraph/telephone) (12-channel circuit) (SRC 1107-720):

(1) Level 1: Off 6 EM 323

Aggr 329

(2) Level 2: Off 6 EM 292

Aggr 298

(3) Level 3: Off 6 EM 259

Aggr 265

Basis of allocation. Two per army command signal radio and cable battalion (TOE 11-75).

Category. II.

Mobility. Eighty-percent mobile.

11-78G Cable and Wire Co, Army Comd Sig Rdo and Cable Bn

Mission. a. To install and maintain command cable and field cable wire circuits between echelons of a field army HQ and to major subordinate units, as required.

b. To rehabilitate and maintain field wire and open wire lines and field and lead-covered cable of indigenous communication facilities available to a field army HQ.

c. To install and maintain field cable circuits between radio-relay sites and the patch panel equipment at the supported HQ.

Assignment. Organic to army command signal radio and cable battalion (TOE 11-75).

Capabilities. a. At level 1, this unit provides —

(1) Twelve eight-man wire installation teams, to be employed as required, for installation and maintenance of command cable and field wire between a field army HQ and subordinate units,

between echelons of a field army HQ, and between radio-relay sites and the communication patch panel (keying lines) and for rehabilitation of indigenous field wire, lead-covered cable, and open wire lines.

(2) Twelve three-man wire installation teams to connect the radio-relay terminal sites to the centralized communication control facility at the army and corps command post locations.

(3) Three two-man cable-splicing teams for rehabilitation and maintenance of indigenous lead-covered cable facilities.

(4) Special types of motor vehicles and equipment, to be employed as required, for construction, maintenance, and rehabilitation of telephone line facilities.

(5) Unit administration, supply and mess facilities, and organizational maintenance for organic arms, vehicles, and signal equipment.

b. This unit is not adaptable to a type B organization.

c. This unit depends on the HHC (TOE 11-76) for consolidated personnel administration, supplemental motor and power generator maintenance, and direct support maintenance of organic signal equipment.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 4 EM 187
Aggr 191

b. Level 2: Off 4 EM 169
Aggr 173

c. Level 3: Off 4 EM 150
Aggr 154

Basis of allocation. One per army command signal radio and cable battalion (TOE 11-75).

Category. II.

Mobility. Eighty-percent mobile.

11-85G Sig Army Area Bn

Mission. To provide communications for a portion of an army area signal system.

Assignment. To army signal brigade.

Capabilities. a. At level 1, this unit—

(1) Installs, operates, and maintains four area signal centers as part of the army area signal system.

(2) Operates an area messenger service as part of the army area signal system.

(3) Provides a circuit control and signal information service.

(4) Provides the radio-relay and field cable

trunk circuits between area signal centers of the battalion and to adjacent area signal centers.

(5) Provides a signal center displacement capability and a limited augmentation of multi-channel radio and wire equipment and personnel for the area centers.

(6) Each area signal center furnishes the following:

(a) Radio-relay and field cable trunk circuits and field wire local circuits to user units in the area of responsibility of the respective signal centers.

(b) A telephone switchboard, message center, terminal teletypewriter, and cryptographic service for units and installations in the area.

(c) Patching and switching of telephone and teletypewriter circuits.

(d) Direct support maintenance for organic signal equipment except avionics.

(7) Provides organic aircraft to the battalion for command, control, site survey, resupply of isolated sites, and limited unscheduled aerial messenger service.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) The signal cable construction battalion (TOE 11-45) for augmentation of its cable installation and recovery capability.

(2) Appropriate units in the area for medical, dental, and finance support.

d. Individuals of this organization, except chaplain, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 38 WO 6
EM 793 Aggr 837

b. Level 2: Off 38 WO 6
EM 714 Aggr 758

c. Level 3: Off 38 WO 6
EM 619 Aggr 663

Basis of allocation. Six per army signal brigade.

Category. II.

Mobility. Ninety-percent mobile.

Components. a. One HHC (TOE 11-886G).

b. Four signal army area companies (TOE 11-87G).

11-86G HHC, Sig Army Area Bn

Mission. a. To direct and coordinate operations and training of the battalion and to provide the HQ facilities with which the battalion commander exercises control.

b. To provide consolidated personnel administration and supplemental supply, motor, and signal equipment maintenance for the battalion.

c. To provide a system control and signal information service for the battalion portion of the army area signal system.

d. To provide motor messenger service between the signal centers operated by the battalion.

e. To provide personnel and equipment to establish radio-relay repeater stations in the main trunks of the area system installed and operated by the battalion.

f. To provide a signal center displacement capability and limited augmentation of multichannel radio and wire equipment and personnel for the area centers.

Assignment. Organic to signal army area battalion (TOE 11-85).

Capabilities. a. At level 1, this unit—

(1) Plans, commands, controls, and coordinates the operations and training of a signal army area battalion.

(2) Provides administrative and logistic support for a signal army area battalion to include—

(a) Consolidated personnel administration and maintenance of cryptographic equipment for the battalion.

(b) Electronic, generator, and motor maintenance to supplement operating company capabilities.

(3) Provides a system control and information service—

(a) To perform system engineering and traffic area signal system.

(b) To coordinate the battalion portion of the area signal messenger service.

(c) To operate a battalion signal information service.

(4) Provides a motor messenger and distribution service for pickup and delivery of pouched distribution among signal centers of the battalion and laterally to adjacent battalion distribution centers.

(5) Provides personnel and equipment to establish radio-relay repeater stations in the main trunks of the area signal system and in extension facilities installed and operated by the battalion.

(6) Provides a communication center displacement capability and limited augmentation of multichannel radio and wire equipment and personnel to support the area signal centers of the battalion.

(7) Provides organic aircraft to the battalion for command, control, site survey, resupply of isolated sites, and limited unscheduled aerial messenger service.

b. This unit is not adaptable to a type B organization.

c. This unit depends on other units in the area for medical, dental, and finance services.

d. Individuals of this organization, except chaplain, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 14 WO 6

EM 121 Aggr 141

b. Level 2: Off 14 WO 6

EM 114 Aggr 134

c. Level 3: Off 14 WO 6

EM 107 Aggr 127

Basic of allocation. One per signal army area battalion (TOE 11-85).

Category. II.

Mobility. Ninety-percent mobile.

11-87G Sig Army Area Co, Sig Army Area Bn

Mission. To install, operate, and maintain one area signal center of the army area signal system.

Assignment. Organic to signal army area battalion (TOE 11-85).

Capabilities. a. At level 1, this unit—

(1) Installs, operates, and maintains one area signal center as part of the army signal system.

(2) Installs and operates the multichannel equipment that provides the trunk circuits to adjacent area signal centers.

(3) Installs and maintains spiral-four trunk cable links to adjacent area signal centers.

(4) Provides multichannel radio-relay and cable extension links to user units and field wire locals, as required.

(5) Provides telephone and teletypewriter patching and switching facilities.

(6) Provides terminal teletypewriter, message center, and cryptographic service for units served by the center.

(7) Operates a radio wire integration facility.

(8) Provides direct support maintenance for organic signal equipment.

b. This unit is not adaptable to a type B organization.

c. This unit depends on other units in the area for medical and dental services.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. *a.* Level 1: Off 6 EM 168
Aggr 174

b. Level 2: Off 6 EM 150
Aggr 156

c. Level 3: Off 6 EM 128
Aggr 134

Basis of allocation. Four per signal army area battalion (TOE 11-85).

Category. II.

Mobility. Ninety-percent mobile.

11-95G Army Comd Sig Op Bn

Mission. *a.* To provide terminal communication facilities (e.g., message center, teletypewriter, telephone, facsimile) for echelons of a field army HQ.

b. To provide air courier and messenger service for a field army HQ.

Assignment. Organic to army signal brigade.

Capabilities. *a.* At level 1, this unit installs, operates, and maintains communication facilities at echelons of a field army HQ, to include—

(1) A communication complex to support communication requirements of the army main and alternate command posts consisting of—

(*a.*) Two manual telephone centrals, each capable of terminating 60 manual or dial trunks and 600 local- or common-battery subscriber circuits.

(*b.*) Two secure teletypewriter-relay centrals, each capable of providing eight full-duplex circuits with multiple address and automatic numbering features.

(*c.*) Four secure teletypewriter terminals, each providing four full-duplex teletypewriter circuits and containing message poking and control features.

(*d.*) An off-line cryptographic facility.

(*e.*) A message center facility.

(*f.*) A motor messenger and dispatching facility.

(*g.*) A facilities control for circuit patching and control of terminal communication facilities.

(2) A communication complex to support a field army tactical operations center consisting of —

(*a.*) A manual telephone central office capable of terminating 20 manual or dial trunks and 180 local- or common-battery subscriber circuits.

(*b.*) Three teletypewriter operation centrals, each capable of providing four full-duplex or eight half-duplex teletypewriter circuits for high-precedence traffic.

(*c.*) Three teletypewriter terminals, each capable of providing secure terminal equipment for three full-duplex RATT circuits.

(*d.*) A facsimile terminal capable of providing operation of four pieces of equipment simultaneously.

(*e.*) A message center facility to handle field army tactical operations center traffic.

(*f.*) A facilities control to control field army tactical operations center terminal communications.

(3) Communication facilities at the rear echelon of a field army HQ to include—

(*a.*) A manual telephone central office capable of terminating 20 manual or dial trunks and 180 local- or common-battery subscriber circuits.

(*b.*) A teletypewriter terminal capable of providing secure terminal equipment for three full-duplex teletypewriter circuits.

(*c.*) A message center facility capable of providing message-handling, off-line cryptographic, and motor messenger service.

(4) Providing organic aircraft for air courier and messenger service for a field army HQ and organic aircraft for the battalion commander and his staff for command and staff visits and area reconnaissance.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) The army command signal radio and cable battalion (TOE 11-75) for command-oriented long-line systems to include radio-relay terminal and repeater facilities to interconnect echelons of a field army HQ and to connect major subordinate units.

(2) The field army communication system for interconnecting echelons of the field army HQ to subordinate field army organizations not served directly by the command-oriented long-line systems provided by an army command signal radio and cable battalion and for alternate routing to major subordinate organizations, as required.

(3) The theater army signal operations command for entrance facilities into the theater army communication system.

(4) The army signal brigade HQ for communication system control, circuit control, and

frequency allocation information and for photographic services.

(5) Service organizations in the area for medical, finance, and dental services and supplemental transportation.

(6) Teams for TOE 11-500 to provide communication support required at an allied corps.

(7) Teams FD, FE, and FF (TOE 1-500) for additional aircraft when the unit is operating in Southeast Asia or similar environment.

d. Individuals of this organization, except chaplain, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 43 WO 13
EM 1,057 Aggr 1,113
b. Level 2: Off 41 WO 12
EM 953 Aggr 1,006
c. Level 3: Off 41 WO 12
EM 838 Aggr 891

Basis of allocation. One per army signal brigade.

Category. II.

Mobility. For mobility of units organic to this battalion, see applicable TOE extracts.

Components. a. One HHC (TOE 11-96G).

b. Two telephone operations companies (TOE 11-97G).

c. Two communication center companies (TOE 11-98G).

11-96G HHC, Army Comd Sig Op Bn

Mission. a. To direct and coordinate operations of the army command signal operations battalion and to provide facilities with which the battalion commander controls the battalion.

b. To provide signal communications for the rear echelon of a field army HQ.

c. To provide air courier and messenger service for a field army HQ.

Assignment. Organic to army command signal operations battalion (TOE 11-95).

Capabilities. a. At level 1, this unit—

(1) Provides command, control, staff planning, and supervision of the battalion.

(2) Provides religious services for the battalion.

(3) Provides battalion-level administrative, personnel, and supply services.

(4) Provides battalion-level organizational maintenance for vehicles and power generators organic to the battalion to include organizational maintenance of arms, aircraft, avionics equipment,

vehicles, and power generators organic to the HQ company.

(5) Provides mobile direct support signal maintenance facilities to supplement the direct support signal maintenance provided by the companies organic to the battalion.

(6) Installs, operates, and maintains communication facilities required at the rear echelon of a field army HQ to include the following:

(a) A manual telephone central office with facilities for interconnecting 180 local telephone subscriber lines and 20 manual or dial trunks.

(b) Installation and maintenance of local telephone distribution circuits and local telephones normally required at a rear echelon of a field army HQ.

(c) A secure teletypewriter terminal facility providing termination for three full-duplex teletypewriter circuits.

(d) A message center facility that provides message-handling, motor messenger, and off-line cryptographic services.

(e) A radio wire integration facility to establish signal communications between mobile FM radio stations and the telephone operation facilities of the rear echelon of a field army HQ.

(7) With its organic aircraft, provides air courier and messenger service for a field army HQ and command and staff visits and area reconnaissance for the battalion commander and his staff.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) Appropriate units in the area for medical, finance, and dental services and supplemental transportation.

(2) Teams FD, FE, and FF (TOE 1-500) for additional aircraft when the unit is operating in Southeast Asia or similar environment.

d. Individuals of this organization, except chaplain, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 19 WO 9
EM 177 Aggr 205
b. Level 2: Off 17 WO 8
EM 117 Aggr 142
c. Level 3: Off 17 WO 8
EM 110 Aggr 135

Basis of allocation. One per army command signal operations battalion (TOE 11-95).

Category. II.

Mobility. Eighty-percent mobile.

11-97G Tel Op Co, Army Comd Sig Op Bn

Mission. To establish, operate, and maintain telephone communications at the army main or alternate echelon of a field army HQ.

Assignment. Organic to army command signal operations battalion (TOE 11-95).

Capabilities. a. At level 1, this unit—

(1) Installs, operates, and maintains the following at the army main or alternate echelon of a field army HQ:

(a) Two manual telephone central offices, each providing facilities for interconnecting 600 local telephone subscriber lines and 60 manual or dial trunks to be employed, as required.

(b) One manual telephone central office with facilities for interconnecting 180 local telephone subscriber lines and 20 manual or dial trunks to be employed at a field army tactical operations center.

(c) Two communication patch panels, each providing circuit patching and control of terminal communication facilities.

(d) Fourteen 45-kilowatt power generators to support communication facilities established by a telephone operations company and communication center organic to an army command signal operations battalion.

(2) Installs and maintains local telephone circuits and local telephones normally required at an army main or alternate echelon of a field army HQ.

(3) Performs direct support maintenance on organic signal equipment.

(4) Performs organization maintenance on organic weapons, power generators, and vehicles.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) The army command signal radio and cable battalion (TOE 11-75) for trunking facilities, both radio relay and field wire and cable, from the echelons of a field army HQ (army main or alternate) to designated major subordinate units and for installation of a long local-wire circuits to units near the echelons of a field army HQ.

(2) The HHC (TOE 11-96) for consolidated personnel administration; supplemental generator, motor, and signal maintenance; and religious services.

(3) Appropriate units in the area for dental and medical services and supplemental transportation.

d. Individuals of this organization can engage in effective, coordinate defense of the unit's area or installation.

Strength. a. Level 1: Off 4 EM 179

Aggr 183

b. Level 2: Off 4 EM 171

Aggr 175

c. Level 3: Off 4 EM 150

Aggr 154

Basis of allocation. Two per army command signal operations battalion (TOE 11-95).

Category. II.

Mobility. Eighty-five-percent mobile.

11-98G COMMCCEN Co, Army Comd Sig Op Bn

Mission. To provide communication center facilities for the main or alternate echelon of a field army HQ.

Assignment. Organic to army command signal operations battalion (TOE 11-95).

Capabilities. a. At level 1, this unit—

(1) Installs, operates, and maintains communication center facilities at the main or alternate echelon of a field army HQ to include—

(a) Message-handling facilities and off-line cryptographic services.

(b) A secure tape-relay facility that provides terminations for 16 full-duplex teletypewriter circuits.

(c) A secure teletypewriter terminal facility that provides terminations for 16 full-duplex teletypewriter circuits.

(d) Nineteen motor messenger teams for delivery of bulk traffic within the army HQ complex and to its subordinate HQ.

(2) Installs, operates, and maintains communication center facilities at a field army main or alternate tactical operations center to include—

(a) A message-handling facility.

(b) A secure teletypewriter terminal facility that provides termination for 12 full-duplex circuits for high-precedence traffic.

(c) A remote secure teletypewriter terminal facility that provides termination for nine full-duplex RATT circuits.

(d) A facsimile facility that provides termination for four facsimile circuits.

(3) Provides unit administration, supply and mess facilities, and organizational maintenance for organic arms, vehicles, and power equipment.

(4) Performs direct support maintenance on organic signal equipment.

(5) Provides direct support maintenance for cryptographic equipment organic to the battalion.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) Appropriate units in the area for medical and dental services and supplemental transportation.

(2) The HHC (TOE 11-96) for consolidated personnel administration; supplemental generator, motor, and signal maintenance; and religious services.

(3) The cable and wire company, army command signal radio and cable battalion (TOE 11-78), for supplemental cable and wire support.

(4) The telephone operations company (TOE 11-97) for electrical power support.

(5) The USAF for Air Weather Service teams to support the field army tactical operations center and U.S. Army airfields supporting the main or alternate echelon of a field army HQ (AR 115-10).

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 8 WO 2

EM 261 Aggr 271

b. Level 2: Off 8 WO 2

EM 247 Aggr 257

c. Level 3: Off 8 WO 2

EM 214 Aggr 224

Basis of allocation. Two per army command signal operations battalion (TOE 11-95).

Category. II.

Mobility. Eighty-five-percent mobile.

11-102G (FPTOE) HHC, Army Sig Bde

Mission. a. To command assigned and attached units and to supervise the installation, operation, and maintenance of a field army communication system, excluding corps and division systems.

b. To provide ground photographic service for the field army.

Assignment. To army signal brigade.

Capabilities. a. At level 1, this unit—

(1) Provides command, control, staff planning, and supervision for an army signal brigade.

(2) Directs the training and coordinates administration and logistic support for assigned and attached units.

(3) Provides organic administration, supply, and mess facilities.

(4) Provides communication system planning, supervision, and control of the army area communication system and the command communication system of a field army.

(5) Provides ground photographic service required by field army HQ and army troops to include still and motion picture, but excluding the processing of exposed motion-picture film and color film.

(6) Provides technical assistance to the field army signal section, as required.

(7) Installs, operates, and performs organizational and direct support maintenance on organic communication equipment for the signal brigade HQ, except for cryptographic maintenance.

(8) Performs organizational maintenance on brigade HQ arms, avionics equipment, aircraft, and motor vehicles.

b. This unit is not adaptable to a type B organization.

c. This unit depends on service organizations in the field army area for additional motor transportation and for medical and dental services.

d. Individuals of this organization, except chaplain, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 47 WO 8

EM 191 Aggr 246

b. Level 2: Off 45 WO 8

EM 169 Aggr 222

c. Level 3: Off 39 WO 8

EM 150 Aggr 197

Basis of allocation. One per army signal brigade.

Category. II.

Mobility. Seventy-five-percent mobile.

Remarks. FPTOE 11-102G at TAG for publication at the time of preparation of this manual.

11-116G HHD, Sig Bn

Mission. To direct and coordinate operations of a signal battalion and to provide facilities with which the battalion commander controls the battalion.

Assignment. a. To field army, independent corps, or theater signal operations command.

b. To signal operations battalion (TOE 11-345).

Capabilities. a. At level 1, this unit—

(1) Provides command, control, staff planning, and supervision for a battalion consisting of from two to seven companies.

(2) Provides personnel services and logistic support, including battalion-level organizational maintenance of vehicles and power units organic to the battalion, when augmented by personnel specialists, vehicle mechanics, and powermen provided by the units to be served.

(3) Directs and coordinates training and operations of the battalion.

(4) Plans, supervises, and controls the installation, operation, and maintenance of the portions of theater, field army, or corps communication systems provided by the companies assigned to the battalion.

(5) Provides the battalion commander and his staff organic aircraft for command and staff visits to battalion units.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) Units assigned to the battalion for mess facilities and organizational maintenance of organic arms and direct support maintenance of signal equipment.

(2) Service organizations in the area for medical and dental services and for additional transportation, as required.

(3) Aviation units in the area for aviation support of organic aircraft.

(4) Team FD (TOE 1-500) for additional aircraft when the unit is operating in Southeast Asia or similar environment.

d. Individuals of this organization, except chaplain, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 12 WO 4
EM 42 Aggr 58

b. Level 2: Off 12 WO 4
EM 36 Aggr 52

c. Level 3: Off 12 WO 4
EM 30 Aggr 46

Basis of allocation. Normally one per independent corps or field army and as required in COMMZ to command from two to seven signal companies.

Category. II

Mobility. Eighty-five-percent mobile.

11-117G Sig Spt Co

Mission. To establish, operate, and maintain signal communication facilities—

a. To augment the capabilities of the theater army and/or field army communication system, as required.

b. To provide communication support for three HQ in the field army, COMMZ, or an independent task force.

Assignment. Normally to signal battalion; may be assigned to another type of HQ in the field army, COMMZ, an independent corps, or to a task force as a separate support unit.

Capabilities. a. At level 1, this unit—

(1) Installs, operates, and maintains radio-relay and multiplex equipment to provide multi-channel circuits for supported units.

(2) Installs, operates, and maintains telephone and teletypewriter patching and switching facilities.

(3) Installs and maintains internal field cable and local telephone circuits, as required.

(4) Provides terminal teletypewriter, message center, facsimile, and cryptographic services.

(5) Provides RATT, CW, and voice radio communications, as required.

(6) Furnishes motor messenger service.

(7) Performs organizational maintenance on weapons and vehicles.

(8) Performs direct support maintenance on signal communication equipment organic to the company.

b. This unit is not adaptable to a type B organization.

c. This unit depends on appropriate units in the area for medical, finance, religious, and dental services and supplemental transportation.

d. Individuals of this organization can engage in effective coordinated defense of the unit's area or installation.

Strength. a. When equipped with AN/TRC-110 (radio-repeater set) and AN/TCC-61 (telephone terminal) (24-channel circuit) (SRC 11117G710):

(1) Level 1: Off 9 WO 4
EM 328 Aggr 341

(2) Level 2: Off 9 WO 4
EM 294 Aggr 307

(3) Level 3: Off 9 WO 4
EM 257 Aggr 270

b. When equipped with AN/MRC-102 (radio-repeater set) and AN/MCC-6 (terminal telegraph/telephone) (12-channel circuit) (SRC 11117G720):

(1) Level 1: Off 9 WO 4
EM 337 Aggr 350

(2) Level 2: Off 9 WO 4
EM 302 Aggr 315

(3) Level 3: Off 9 WO 4
EM 267 Aggr 280

Basis of allocation. a. As required per signal group, USASTRATCOM (theater), or field army signal brigade.

b. One per signal group, independent corps.

c. One per independent division or comparable-size task force.

Category. II.

Mobility. Ninety-percent mobile.

11-122G HHD, Sig Gp

Mission. To direct and coordinate the operations, training, administration, and logistic support of assigned and attached units.

Assignment. To signal group, USASTRATCOM (theater); signal group, army signal brigade; and signal group, independent corps.

Capabilities. a. At level 1, this unit—

(1) Provides command, control, staff planning, coordination, and supervision for a group consisting of from two to seven signal battalions.

(2) Directs and coordinates the training, administration, and logistic support of assigned and attached units.

(3) Establishes plans, policies, and procedures for the communication system installed and operated by the group.

(4) Maintains technical control and coordinates signal plans of subordinate units for the installation, operation, and maintenance of signal communication systems and/or other communications-electronics activities.

(5) Provides organic aircraft for command and staff visits.

b. This unit is not adaptable to a type B organization.

c. When organized with the signal system engineering and control section, this unit provides detailed system engineering and communication system control within its area of responsibility.

d. This unit depends on—

(1) Assigned or attached units for mess, motor maintenance, signal equipment maintenance, and maintenance of personnel and pay records. When required to operate separately, appropriate mess and motor maintenance teams will be provided from TOE 29-500 and TOE 29-600.

(2) Appropriate units in the area for medical, finance, and dental services.

(3) Aviation units in the area for aviation

direct support and general support maintenance of organic aircraft.

e. Individuals of this organization, except chaplain, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. When organized without signal system engineering and control section:

(1) Level 1: Off 12 WO 2
EM 39 Aggr 53

(2) Level 2: Off 12 WO 2
EM 34 Aggr 48

(3) Level 3: Off 12 WO 2
EM 28 Aggr 42

b. When organized with signal system engineering and control section:

(1) Level 1: Off 21 WO 2
EM 56 Aggr 79

(2) Level 2: Off 21 WO 2
EM 48 Aggr 71

(3) Level 3: Off 21 WO 2
EM 40 Aggr 63

Basis of allocation. One per signal group.

Category. II.

Mobility. Seventy-percent mobile.

11-127G Sig Op Co, Mdm HQ

Mission. To provide signal communication facilities and photographic service for medium-size HQ in the field army and COMMZ.

Assignment. Normally to support TASCOP, FASCOM, ASCOM, or SMCOP.

Capabilities. a. At level 1, this unit—

(1) Installs, operates, and maintains on a 24-hour basis communication facilities for the supported HQ to include—

(a) Manual telephone central office and local telephone systems.

(b) Secure tape-relay and teletypewriter facilities.

(c) Circuit control and information service.

(d) Secure RATT circuits.

(2) Establishes and operates a message center on a 24-hour basis, which provides—

(a) Message-handling facilities.

(b) Facsimile and transceiver facilities.

(c) Motor messenger service within the supported HQ complex and to its subordinate HQ.

(3) Performs photographic service on a 24-hour basis to include—

(a) Still- and motion-picture coverage (except aerial photography).

(b) Operation of a mobile photographic laboratory for processing ground and aerial photographic coverage (except air combat surveillance), as required.

(4) Performs direct support maintenance on signal communication equipment organic to the company.

(5) Provides unit administration, supply and mess facilities, and organizational maintenance for organic arms, vehicles, and power generators.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) Signal units in the area communication system for trunking circuits and carrier termination facilities for integrating this unit into the area communication system.

(2) Teams from TOE 11-500 for additional communication capabilities.

(3) Appropriate units in the area for medical, finance, religious, and dental services and supplemental transportation.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 6 WO 2
EM 195 Aggr 203
b. Level 2: Off 6 WO 2
EM 175 Aggr 183
c. Level 3: Off 6 WO 2
EM 154 Aggr 162

Basis of allocation. One per TASCOC, FASCOM, ASCOM, or SMCOC.

Category. II.

Mobility. Eighty-percent mobile.

11-137G Sig COMMOC Op Co

Mission. To provide signal communication center facilities for HQ units operating within a field army area or a COMMZ.

Assignment. Normally to army signal brigade or to USASTRATCOM (theater).

Capabilities. a. At level 1, this unit—

(1) Installs, operates, and maintains five signal communication centers, with each center including—

(a) A two-position 120-line telephone switchboard facility, including installation and maintenance of associated local subscriber telephones and local telephone distribution systems.

(b) A circuit control facility capable of interconnecting, patching, and testing 624 two-wire circuits.

(c) A message center facility to include off-line cryptographic, facsimile, transceiver, and motor messenger services.

(d) A teletypewriter facility that provides three secure full-duplex or six secure half-duplex circuits.

(e) A RATT facility that provides one secure half-duplex circuit.

(f) A radio wire integration facility for interconnecting radio and wire circuits.

(2) Performs organizational maintenance on organic arms, vehicles, power generators, and telephone switchboard facilities.

(3) Performs direct support maintenance on teletypewriter, radio, and cryptographic equipment organic to the company.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) Signal units in the area for signal communication trunk circuits.

(2) Service organizations in the area for medical, dental, and religious services and supplemental transportation.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 6 WO 5
EM 292 Aggr 303
b. Level 2: Off 6 WO 5
EM 226 Aggr 273
c. Level 3: Off 5 WO 4
EM 233 Aggr 242

Basis of allocation. Normally one per field army and four per USASTRATCOM (theater).

Category. II.

Mobility. One hundred-percent mobile.

11-147G Sig Small HQ Op Co

Mission. To provide signal communication facilities and photographic service for small-size HQ in the field army and COMMZ.

Assignment. Normally to PERSCOM, TASCOC; TRANSCOM, TASCOC; air defense command; inventory control center, TASCOC; area support group, ASCOC; or support brigade, FASCOC.

Capabilities. a. At level 1, this unit—

(1) Installs, operates, and maintains terminal-type communication facilities for a supported HQ to include—

(a) Manual telephone central office and local telephone systems.

(b) Message center, cryptographic, tele-typewriter, facsimile, and transceiver facilities.

(c) Secure RATT.

(2) Establishes and operates a ground messenger service.

(3) Performs photographic service to include—

(a) Still- and motion-picture coverage (except aerial photography).

(b) Operation of a mobile photographic laboratory for processing ground and air still photographic coverage (except air combat surveillance), as required.

(4) Performs direct support maintenance on signal communication equipment organic to the company.

(5) Provides unit administration, supply and mess facilities, and organizational maintenance for organic arms, vehicles, and power generators.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) Signal units in the area communication system for trucking circuits and carrier termination facilities for integrating this unit into the area communication system.

(2) Teams from TOE 11-500 for additional communication capabilities.

(3) Appropriate units in the area for medical, finance, religious, and dental services and supplemental transportation.

d. Individual of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 6 WO 1

EM 119 Aggr 126

b. Level 2: Off 6 WO 1

EM 107 Aggr 114

c. Level 3: Off 6 WO 1

EM 94 Aggr 101

Basis of allocation. One per—

a. PERSCOM, TASCOT.

b. TRANSCOM, TASCOT.

c. Air defense command.

d. Inventory control center, TASCOT.

e. Eight area support groups, ASCOM.

f. Four support brigades, FASCOM.

Category. II.

Mobility. Eighty-percent mobile.

11-158E Sig Dep Co

Mission. To operate one field army signal depot.

Assignment. Organic to army signal supply and maintenance battalion (TOE 11-155).

Capabilities. a. At full strength, this unit operates a field army signal depot, providing direct support and general support maintenance to a field army as follows:

(1) Supply support, including proportionate distribution of all signal equipment and supplies, except cryptographic, to army units in the area and to forward signal supply and maintenance points.

(2) Semifixed maintenance support for all types of signal equipment, except cryptographic, in the army area.

(3) Mobile maintenance support for onsite repair of all signal equipment, except cryptographic, in the army service area, including avionics maintenance support to Army aviation units and transportation aircraft maintenance units.

b. This unit is not adaptable to a type B organization.

c. This unit operates as a separate company, if required.

d. This unit requires the necessary personnel support to sustain the unit when operating as a separate company.

e. Augmentation provides the additional administrative personnel and equipment required for maintenance of the unit's personnel records when assigned to an independent force as a separate unit. (EM 2.)

f. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Full: Off 4 WO 5

EM 171 Aggr 180

b. Reduced: Off 4 WO 5

EM 143 Aggr 152

Basis of allocation. Two per army signal supply and maintenance battalion.

Category. II.

Mobility. Forty-percent mobile.

11-175G (FPTOE) ADA Sig Spt Bn

Mission. To provide communication support for an air defense artillery command/brigade.

Assignment. To air defense artillery command/brigade within an overseas theater of operations.

Capabilities. a. At level 1, this unit provides—

(1) Communication terminal facilities at an air defense artillery command post to include manual telephone central office and local telephone service, message center, cryptographic, motor messenger, and teletypewriter facilities.

(2) Installation, operation, and direct support maintenance for—

(a) Five RATT stations for operation of the air defense artillery command/brigade command operation net, including a station for the command army air defense command post, a commander's station, and one for each of the three air defense artillery groups.

(b) A radio wire integration facility.

(c) Seven voice (SSB) radio stations for operation in the air defense artillery command, intelligence and radar reporting, and liaison nets.

(d) Multichannel communication system to provide telephone, teletypewriter, and data channels between the air defense artillery command/brigade and three air defense artillery groups and between air defense artillery subordinate groups.

(3) Operational and technical control over all the multichannel communication systems from air defense artillery command/brigade HQ down to each air defense artillery firing battery.

(4) Cable construction teams to furnish wire communications between the command/brigade and subordinate or adjacent elements and for cable circuits between multichannel radio and multiplexer sites.

b. This unit is not adaptable to a type B organization.

c. This unit depends on other units in the area for medical, dental, and finance services.

d. Individuals of this organization, except chaplain, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. When organized with TOE 11-178G (SRC 11178G810):

- (1) Level 1: Off 20 WO 5
EM 301 Aggr 326
- (2) Level 2: Off 20 WO 5
EM 273 Aggr 298
- (3) Level 3: Off 20 WO 5
EM 242 Aggr 267

b. When organized with TOE 11-178G (SRC 11178G820):

- (1) Level 1: Off 20 WO 5
EM 303 Aggr 328

- (2) Level 2: Off 20 WO 5
EM 275 Aggr 300
- (3) Level 3: Off 20 WO 5
EM 245 Aggr 270

Basis of allocation. One per air defense artillery command/brigade within an overseas theater of operations.

Category. II.

Mobility. For mobility of units organic to this battalion, see applicable TOE extracts.

Components. a. One HHC (TOE 11-176G).

b. One air defense artillery command communications company (TOE 11-177G).

c. One air defense artillery radio company (TOE 11-178G).

Remarks. FPTOE 11-175G forwarded by HQ, USACDC, to TAG, 17 July 1968, for publication and distribution.

11-176G (FPTOE) HHC, ADA Sig Spt Bn

Mission. To direct and coordinate operations of an air defense artillery signal support battalion, to exercise that degree of operational control over signal elements organic to units subordinate to the command/brigade necessary to insure effective control of an integrated command/brigade air defense system, and to provide normal battalion-level support to other companies of the battalion.

Assignment. Organic to air defense artillery signal support battalion (TOE 11-175).

Capabilities. a. At level 1, this unit provides

(1) Command, control, and staff planning for the battalion to include a battalion system control center, which plans and directs the detailed engineering and operations of the command/brigade command communication system, and exercises operational control over the multichannel systems installed by signal elements organic to air defense artillery groups, battalions, and batteries.

(2) A signal officer with a signal communication staff for the command/brigade HQ.

(3) Organizational maintenance for vehicles and power generators organic to the battalion to include organizational maintenance of vehicles, arms, and power generators organic to the HHC.

(4) Direct support maintenance for signal communication equipment organic to the battalion.

(5) Religious services and battalion-level administrative, personnel, and supply support.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) Units assigned to the battalion for mess facilities.

(2) Service organizations in the area for medical, dental, and finance services, and for additional transportation, as required.

d. Individuals of this organization, except chaplain, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 13 WO 4
EM 63 Aggr 80
b. Level 2: Off 13 WO 4
EM 55 Aggr 72
c. Level 3: Off 13 WO 4
EM 47 Aggr 64

Basis of allocation. One per air defense artillery signal support battalion (TOE 11-175).

Category. II.

Mobility. One hundred-percent mobile in organic vehicles.

Remarks. FPTOE 11-176G forwarded by HQ, USACDC, to TAG, 17 July 1968, for publication and distribution.

11-177G (FPTOE) ADA Comd Comm Co, ADA Sig Spt Bn

Mission. a. To provide internal communication facilities for an air defense artillery command/brigade HQ.

b. To install and maintain cable and field wire circuits between an air defense artillery command/brigade HQ and the subordinate air defense artillery group.

Assignment. Organic to air defense artillery signal support battalion (TOE 11-175).

Capabilities. a. At level 1, this unit provides—

(1) Communication terminal facilities at an air defense artillery command/brigade command post to include—

(a) Manual telephone central office and local telephone services.

(b) Message center, cryptographic, motor messenger, and teletypewriter facilities.

(2) Cable construction teams for the installation of wire communications between the command/brigade and subordinate or adjacent elements and for the installation of cable circuits between multichannel radio and multiplexer sites.

(3) Unit administration, supply, and mess facilities and organizational maintenance for or-

ganic equipment, except for radiac, teletypewriter, and cryptographic equipment.

b. This unit is not adaptable to a type B organization.

c. This unit depends on other units in the area for medical, finance, and religious services.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 3 WO 1
EM 106 Aggr 110
b. Level 2: Off 3 WO 1
EM 95 Aggr 99
c. Level 3: Off 3 WO 1
EM 84 Aggr 88

Basis of allocation. One per air defense artillery signal support battalion (TOE 11-175).

Category. II.

Mobility. One hundred-percent mobile in organic transportation.

Remarks. FPTOE 11-177G forwarded by HQ, USACDC, to TAG, 17 July 1968, for publication and distribution.

11-178G (FPTOE) ADA Rdo Co, ADA Sig Spt Bn

Mission. To provide radio and multichannel communications for an air defense artillery command/brigade.

Assignment. Organic to air defense artillery signal support battalion (TOE 11-175).

Capabilities. a. At level 1, this unit—

(1) Installs and operates—

(a) Five RATT stations for operations of the air defense artillery command/brigade command net, including a station for the command army air defense command post, a commander's station, and one for each of the three air defense artillery groups.

(b) A radio wire integration facility.

(c) Seven voice (SSB) radio stations for operation in the air defense artillery command, intelligence and radar reporting, and liaison nets.

(d) A multichannel communication system to provide telephone, teletypewriter, and data channels between air defense artillery command/brigade and three air defense artillery groups and between air defense artillery subordinate groups.

(2) Provides technical control and circuit patching facility for control of the multichannel communication system.

(3) Provides command, administration, mess, unit supply, and organizational maintenance for organic equipment.

b. This unit is not adaptable to a type B organization.

c. This unit depends on other units in the area for medical, finance, and religious services.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. When organized under SRC 11178G810:

- (1) Level 1: Off 4 EM 132
Aggr 136
- (2) Level 2: Off 4 EM 123
Aggr 127
- (3) Level 3: Off 4 EM 111
Aggr 115

b. When organized under SRC 11178G820:

- (1) Level 1: Off 4 EM 134
Aggr 138
- (2) Level 2: Off 4 EM 125
Aggr 129
- (3) Level 3: Off 4 EM 114
Aggr 118

Basis of allocation. One per air defense artillery signal support battalion (TOE 11-175).

Category. II.

Mobility. One hundred-percent mobile in organic vehicles.

Remarks. FPTOE 11-178G forwarded by HQ, USACDC, to TAG, 17 July 1968, for publication and distribution.

11-225G Abn Corps Sig Bn Abn Corps Sig Bn, Underdeveloped Area

Mission. a. To provide signal communications for all echelons of an airborne corps HQ.

b. To install, operate, and maintain multichannel communication facilities for major subordinate tactical units.

c. To install, operate, and maintain multichannel communication facilities between major HQ of corps artillery.

d. To operate the corps ground and air messenger service.

e. To provide photographic service (except aerial surveillance photography) for the corps.

Assignment. To airborne corps.

Capabilities. a. At level 1, this unit—

(1) Installs, operates, and maintains tactical signal communications for all echelons of corps HQ on a 24-hour basis.

(2) Operates the messenger service for the corps to include—

(a) Ground messenger service within the capabilities of the organic motor messenger teams.

(b) Air messenger and courier service within the capability of organic aircraft.

(3) Performs photographic service for the corps to include—

(a) Ground still- and motion-picture coverage.

(b) Operation of two mobile photographic laboratories for the processing of ground and air still photographs.

(4) Performs direct support maintenance on all organic signal equipment.

(5) Uses organic aircraft for evacuation and resupply of signal equipment and for establishing airborne communication relays. (Additional aviation personnel and equipment are authorized when deployed in an underdeveloped area.)

(6) Lands by parachute or aircraft.

b. At levels 2 and 3, this unit can execute all functions. However, the time required to accomplish the various missions is increased commensurate with the reduction in personnel and equipment.

c. This unit is not adaptable to a type B organization.

d. This unit depends on—

(1) Army units for signal supply and general support maintenance of signal equipment.

(2) Army signal units for long-line circuits not provided by organic elements of the battalion.

(3) Army or other higher echelons for processing motion-picture and color film.

(4) Other corps units for medical and dental support and supplemental transportation.

e. When operating in support of an independent corps, this unit augments a signal group comprised of an HHD (TOE 11-122); a signal army area battalion (TOE 11-85); a signal support company (TOE 11-117); and a signal operations company, medium HQ (TOE 11-127).

f. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. When organized as airborne corps signal battalion:

- (1) Level 1: Off 32 WO 17
EM 765 Aggr 814
- (2) Level 2: Off 32 WO 16
EM 685 Aggr 733
- (3) Level 3: Off 31 WO 16
EM 604 Aggr 651

b. When organized as airborne corps signal battalion, underdeveloped area:

- (1) Level 1: Off 32 WO 26
EM 776 Aggr 834
- (2) Level 2: Off 32 WO 25
EM 694 Aggr 751
- (3) Level 3: Off 31 WO 24
EM 612 Aggr 667

Basis of allocation. One per airborne corps.

Category. II.

Mobility. For mobility of the components of this battalion, see applicable TOE extracts.

Components. a. One HHC (TOE 11-226G).

b. Two command signal operations companies (TOE 11-227G).

c. One base and support signal operations company (TOE 11-228G).

Remarks. This unit will be replaced by airborne corps signal battalion (TOE 11-225G (Corrected copy)), when published.

11-225G (Corr Cy) (DPTOE) Abn Corps

Sig Bn

Mission. a. To provide signal communications for all echelons of an airborne corps HQ.

b. To provide multichannel communication facilities to major subordinate tactical units.

c. To provide multichannel communication systems between a corps artillery HQ and major subordinate units and between a corps artillery HQ and four division artillery HQ.

d. To provide a corps ground and air messenger service.

e. To provide photographic services (except aerial surveillance photography and processing of motion-picture and color film) for the corps.

f. To provide RATT communication between the echelons of corps HQ and its major subordinate units.

Assignment. To airborne corps.

Capabilities. a. At level 1, this unit—

(1) Installs, operates, and maintains internal communication facilities for airborne corps main, alternate, and assault/tactical command

posts to include communication facilities for a corps main and alternate tactical operations center.

(2) Installs, operates, and maintains multi-channel communications to include systems between airborne corps main and alternate; from corps main and alternate command posts to the main and alternate command posts of four airborne divisions; from corps main and alternate to an air cavalry brigade, an infantry brigade, and an adjacent unit; from corps main to the corps tactical air command command post and an aviation group; from corps main and alternate to the airborne corps artillery; and from the airborne corps artillery command post to major subordinate artillery units and four division artillery command posts.

(3) Provides command radio and RATT nets from corps main and alternate command posts to major subordinate units in the corps to include providing subordinate stations in the nets.

(4) Provides ground messenger support between echelons of the airborne corps HQ and major subordinate units.

(5) Provides field wire and cable circuits required to supplement and/or interconnect multi-channel radio-relay equipment and internal communication facilities at the various airborne corps command echelons.

(6) Provides radio wire integration facilities at the various airborne corps command echelons.

(7) Provides still photography and motion-picture support (except aerial surveillance photography and processing of motion-picture and color film) for an airborne corps.

(8) Provides organic aircraft for command, control, area reconnaissance, air messenger service, and resupply of isolated units.

(9) Provides direct support maintenance for organic communication equipment (except avionics).

b. This unit is not adaptable to a type B organization.

c. This unit depends on appropriate units in the area for medical, dental, and finance services and for processing motion-picture and color film.

d. When operating in support of an independent corps, this battalion augments a signal group comprised of an HHD (TOE 11-122); a signal army area battalion (TOE 11-85); a signal support company (TOE 11-117); and a signal operations company, medium HQ (TOE 11-127).

e. Individuals of this organization, except chaplain, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 38 WO 17
EM 1,076 Aggr 1,131
b. Level 2: Off 38 WO 17
EM 961 Aggr 1,016
c. Level 3: Off 38 WO 17
EM 855 Aggr 910

Basis of allocation. One per airborne corps.

Category. II.

Mobility. For mobility of the components of this battalion, see applicable TOE extracts.

Components. a. One HHC (TOE 11-226G (Corrected Copy)).

b. Two command signal operations companies (TOE 11-227G (Corrected Copy)).

c. One radio-relay and cable company (TOE 11-228G (Corrected Copy)).

d. One artillery signal support company (TOE 11-229G).

Remarks. DPTOE 11-225G (Corrected Copy) forwarded to HQ, USACDC, 29 May 1968, for review. When published, this unit will replace airborne corps signal battalion or airborne corps signal battalion, underdeveloped area (TOE 11-225G).

11-226G HHC, Abn Corps Sig Bn HHC, Abn Corps Sig Bn, Underdeveloped Area

Mission. a. To direct and coordinate operations and training of an airborne corps signal battalion and to provide command, administration, and logistic support for the battalion.

b. To provide consolidated personnel administration and supervision of supply and motor and signal maintenance for the battalion.

c. To provide photographic service for the corps.

Assignment. Organic to airborne corps signal battalion or airborne corps signal battalion, underdeveloped area (TOE 11-225).

Capabilities. a. At level 1, this unit—

(1) Plans, commands, controls, and coordinates the operations and training of an airborne corps signal battalion.

(2) Provides administration and logistic support for an airborne corps signal battalion to include—

(a) Consolidated personnel administration.

(b) Direct support maintenance for the battalion's signal equipment and battalion organizational maintenance for vehicles organic to the battalion.

(c) Battalion supply.

(3) Provides ground photographic service required for the corps to include still- and motion-picture photography and processing still film (except color) exposed by the unit photographers.

(4) Provides organic aircraft for establishing airborne communication relays, evacuation and resupply of signal equipment, and air messenger service. (Additional aviation personnel and equipment are authorized when deployed in an underdeveloped area.)

(5) Lands by parachute or aircraft.

b. At levels 2 and 3, this unit can execute all functions. However, the time required to accomplish the various missions is increased commensurate with the reduction in personnel and equipment.

c. This unit is not adaptable to a type B organization.

d. This unit depends on—

(1) The command signal operations companies of the battalion for mess.

(2) Army or higher echelon units for processing motion-picture and color film.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. When organic to airborne corps signal battalion:

(1) Level 1: Off 13 WO 14
EM 132 Aggr 159
(2) Level 2: Off 13 WO 13
EM 118 Aggr 144
(3) Level 3: Off 12 WO 13
EM 103 Aggr 128

b. When organic to airborne corps signal battalion, underdeveloped area:

(1) Level 1: Off 13 WO 23
EM 143 Aggr 179
(2) Level 2: Off 13 WO 22
EM 127 Aggr 162
(3) Level 3: Off 12 WO 21
EM 111 Aggr 144

Basis of allocation. One per airborne corps signal battalion or airborne corps signal battalion, underdeveloped area (TOE 11-225).

Category. II.

Mobility. One hundred-percent mobile in organic vehicles; 100-percent mobile when support-

ed by USAF medium and heavy transport aircraft.

Remarks. This unit will be replaced by HHC, airborne corps signal battalion (TOE 11-226G (Corrected Copy)), when published.

11-226G (Corr Cy) (DPTOE) HHC, Abn Corps Sig Bn

Mission. a. To plan, direct, and coordinate operations, training, and administration of an airborne corps signal battalion.

b. To provide photographic service (except aerial surveillance photography and processing of motion-picture and color films) for an airborne corps.

c. To provide aviation support for battalion operations.

d. To provide communication support for an airborne corps assault/tactical command post.

e. To provide air and ground messenger service.

Assignment. Organic to airborne corps signal battalion (TOE 11-225).

Capabilities. a. At level 1, this unit provides

(1) Command, control, and staff planning for the battalion to include a battalion system control center, which plans and directs the detailed engineering and operations of an airborne corps command communication system.

(2) Communication facilities for an airborne corps assault/tactical command post to include telephone switchboard service, communication center service, RATT, radio, and radio wire integration facilities.

(3) Two mobile communication facilities for use by the corps commander, as required.

(4) Airborne corps air messenger service, aerial radio relay, aerial resupply service to isolated radio-relay stations organic to the battalion, rapid resupply of organic signal equipment to insure uninterrupted communications, and aerial wire-laying service.

(5) Photographic services for the airborne corps (except aerial surveillance photography and processing of motion-picture and color film).

(6) Direct support maintenance for communication equipment organic to the battalion (except avionics).

(7) Organizational maintenance for vehicles and power units organic to the battalion and organizational maintenance for vehicles, power units, arms, aircraft, and avionic equipment organic to the HQ company.

(8) Religious services, administration, personnel, and logistic support for the battalion.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) Appropriate units in the area for medical, dental, and finance services.

(2) Theater army pictorial units for processing of motion-picture and color film.

d. Individuals of this organization, except chaplain, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 14 WO 15
EM 205 Aggr 234

b. Level 2: Off 14 WO 15
EM 182 Aggr 211

c. Level 3: Off 14 WO 15
EM 159 Aggr 188

Basis of allocation. One per airborne corps signal battalion (TOE 11-225).

Category. II.

Mobility. One hundred-percent mobile in organic vehicles.

Remarks. DPTOE 11-226G (Corrected Copy) forwarded to HQ, USACDC, 29 May 1968, for review. When published, this unit will replace HHC, airborne corps signal battalion, or HHC, airborne corps signal battalion, underdeveloped area (TOE 11-226G).

11-227G Comd Sig Op Co, Abn Corps Sig Bn

Mission. To provide signal communication facilities at airborne corps main or alternate HQ and signal center support for units in the HQ areas.

Assignment. Organic to airborne corps signal battalion or airborne corps signal battalion, underdeveloped area (TOE 11-225).

Capabilities. a. At level 1, this unit provides

(1) A telephone central office and local telephone service at the main or alternate HQ.

(2) Installation and maintenance of local wire lines and telephones or the HQ and wire and cable trunk lines between HQ and selected tactical support units in the vicinity.

(3) Circuit control and patching facilities.

(4) Message center service, including messenger, teletypewriter, and cryptographic facilities at main or alternate HQ.

(5) RATT net control stations for the corps command nets and substations in the higher com-

mand, information, logistic, and army air request nets.

(6) Net control stations in the corps command FM and HF/SSB voice radio nets.

(7) Radio-relay carrier terminals and required intermediate repeater stations for main or alternate and two attached major units.

(8) Mess facilities for organic personnel and for 50 percent of the HHC personnel.

(9) Organizational maintenance for organic arms, vehicles, and power generators.

(10) Landing by parachute or aircraft.

b. At levels 2 and 3, this unit can execute all functions. However, the time required to accomplish the various missions is increased commensurate with the reduction in personnel and equipment.

c. This unit is not adaptable to a type B organization.

d. This unit depends on—

(1) The HHC (TOE 11-226) for personnel administration and direct support maintenance.

(2) The aviation section of the HHC for operation of the corps air messenger and courier service.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 5 WO 1

EM 204 Aggr 210

b. Level 2: Off 5 WO 1

EM 183 Aggr 189

c. Level 3: Off 5 WO 1

EM 162 Aggr 168

Basis of allocation. Two per airborne corps signal battalion or airborne corps signal battalion, underdeveloped area (TOE 11-225).

Category. II.

Mobility. One hundred-percent mobile in organic vehicles; 100-percent mobile when supported by USAF medium and heavy transport aircraft.

Remarks. This unit will be replaced by the command signal operations company, airborne corps signal battalion (TOE 11-227G (Corrected Copy)), when published.

11-227G (Corr Cy) (DPTOE) Comd Sig Op Co, Abn Corps Sig Bn

Mission. To provide signal communication terminal facilities at the main or alternate echelon of an airborne corps HQ and radio communications between the corps echelons and major subordinate units of the corps.

Assignment. Organic to airborne corps signal battalion (TOE 11-225).

Capabilities. a. At level 1, this unit provides the main or alternate echelon of an airborne corps HQ—

(1) A telephone central office switching facility and installation and maintenance of local wire circuits and telephones.

(2) RATT stations for the corps operations/intelligence net, information/air request net, and administrative/logistic nets; FM and SSB voice radio stations for the corps command nets (stations located at corps main operate as net control stations); and a radio wire integration facility.

(3) Communication center facilities to include—

(a) Message-handling, cryptographic, facsimile and motor messenger services.

(b) Secure terminal and tape-relay teletypewriter circuits.

(4) A technical control facility.

(5) Internal communication facilities for an airborne corps tactical operations center for termination of high-priority and sole-user telephone, teletypewriter, and facsimile circuits.

b. This unit is not adaptable to a type B organization.

c. This unit depends on the HHC (TOE 11-226) for personnel administration, operation of the corps air messenger service, and direct support maintenance of signal communication equipment.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 7 WO 1

EM 179 Aggr 187

b. Level 2: Off 7 WO 1

EM 159 Aggr 167

c. Level 3: Off 7 WO 1

EM 143 Aggr 151

Basis of allocation. Two per airborne corps signal battalion (TOE 11-225).

Category. II.

Mobility. One hundred-percent mobile in organic vehicles.

Remarks. DPTOE 11-227G (Corrected Copy) forwarded to HQ, USACDC, 29 May 1968, for review. When published, this unit will replace command signal operations company, airborne corps signal battalion (TOE 11-227G).

11-228G Base and Spt Sig Opt Co, Abn Corps Sig Bn

Mission. a. To provide signal communication facilities at airborne corps base HQ and corps artillery HQ.

b. To provide radio-relay terminal facilities for artillery groups, division artillery HQ, division main and alternate HQ, and other major subordinate corps units.

c. To provide signal center support for units near corps base and corps artillery HQ.

Assignment. Organic to airborne corps signal battalion or airborne corps signal battalion, underdeveloped area (TOE 11-225).

Capabilities. a. At level 1, this unit provides—

(1) Telephone central office and local telephone service at corps base HQ.

(2) Installation and maintenance of local wire lines and telephones for corps base HQ and wire and cable trunk lines between HQ and units in the vicinity.

(3) Circuit control and patching facilities at corps base and corps artillery HQ.

(4) Message center support, including teletypewriter and cryptographic facilities at corps base and corps artillery HQ. In addition, messenger service is provided at corps base.

(5) Radio-relay and carrier terminals for corps base, corps artillery, artillery groups, division artillery HQ, division main and alternate HQ, and other major subordinate corps units.

(6) RATT substations for corps command and corps echelon nets and higher command, information, and logistic nets.

(7) Mess facilities for organic personnel.

(8) Organizational maintenance for organic arms, vehicles, and power generators.

(9) Communications to subordinate command, supporting units, and higher HQ during the early stages of a parachute assault, while the remainder of the battalion prepares for movement to the airfield.

(10) Landing by parachute or aircraft.

b. Under levels 2 and 3, this unit can execute all functions. However, the time required to accomplish the various missions is increased commensurate with the reduction in personnel and equipment.

c. This unit is not adaptable to a type B organization.

d. This unit depends on—

(1) The HHC (TOE 11-226) for personnel

administration, supply, supplemental motor maintenance, direct support maintenance of organic signal equipment, and operation of the corps air messenger and courier service.

(2) Teams from TOE 11-500 for teletypewriter operators and equipment for the artillery signal support platoon when this facility is not provided by the corps artillery HQ.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 9 WO 1

EM 225 Aggr 235

b. Level 2: Off 9 WO 1

EM 201 Aggr 211

c. Level 3: Off 9 WO 1

EM 177 Aggr 187

Basis of allocation. One per airborne corps signal battalion or airborne corps signal battalion, underdeveloped area (TOE 11-225).

Category. II.

Mobility. One hundred-percent mobile in organic vehicles; 100-percent mobile when supported by USAF medium and heavy transport aircraft.

Remarks. This unit will be replaced by radio-relay and cable company, airborne corps signal battalion (TOE 11-228G (Corrected Copy)), when published.

11-228G (Corr Cy) (DPTOE) RADREL and Cable Co, Abn Corps Sig Bn

Mission. To provide multichannel communication systems between echelons of an airborne corps HQ and its major subordinate units.

Assignment. Organic to airborne corps signal battalion (TOE 11-225).

Capabilities. a. At level 1, this unit provides—

(1) Installation, operation, and maintenance of an airborne corps-oriented multichannel communication system, which includes 24-channel systems between corps main and corps alternate command posts; corps main and four division main command posts; corps alternate and four division alternate command posts; radio-relay terminals at corps main and alternate for termination of 24-channel systems to a corps artillery command post; 12-channel systems from corps main and alternate to an air cavalry brigade, a light infantry brigade, and an adjacent unit; 12-channel systems from corps main to a corps tactical command post and an aviation group; and, in

addition, six repeater facilities to extend the range of the airborne corps multichannel system.

(2) Installation and maintenance of field wire and cable to support and supplement the corps multichannel system.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) The HHC (TOE 11-226) for battalion-level administrative, personnel, supply, and religious services; organizational maintenance of organic motor vehicles and generator sets; and direct support maintenance of organic signal communication equipment.

(2) Appropriate units in the area for medical and dental services.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 7 EM 354

Aggr 361

b. Level 2: Off 7 EM 318

Aggr 325

c. Level 3: Off 7 EM 281

Aggr 288

Basis of allocation. One per airborne corps signal battalion (TOE 11-225).

Category. II.

Mobility. One hundred-percent mobile in organic vehicles.

Remarks. DPTOE 11-228G (Corrected Copy) forwarded to HQ, USACDC, 29 May 1968, for review. When published, this unit will replace base and support signal operations company, airborne corps signal battalion (TOE 11-228G).

11-229 (DPTOE) Arty Sig Spt Co, Abn Corps Sig Bn

Mission. a. To provide multichannel communication systems between an airborne corps artillery HQ and its major subordinate units and between corps artillery HQ and four division artillery command posts.

b. To provide an airborne corps artillery HQ with mobile radio facilities for operation in the airborne corps radio nets.

Assignment. Organic to airborne corps signal battalion (TOE 11-225).

Capabilities. a. At level 1, this unit provides

(1) Installation, operation, and maintenance of command-oriented multichannel systems, which

include two 24-channel radio-relay terminals for termination of multichannel systems from an airborne corps main and alternate command post and 12-channel systems between an airborne corps artillery command post, four corps artillery groups, four division artillery command posts, and a field artillery target acquisition battalion. In addition, two repeater facilities are provided to extend the range of a corps artillery multichannel system.

(2) Mobile radio stations for operation in the airborne corps command and operations/intelligence nets (FM and SSB) and a mobile RATT station for operation in an airborne corps administrative/logistic net.

(3) A technical control facility for circuit patching, testing, and technical control of the corps artillery multichannel radio-relay system.

(4) A radio wire integration station to permit appropriately designated FM radio stations to enter the corps artillery HQ telephone distribution system.

(5) Installation and maintenance of cable to support and supplement the corps artillery multichannel radio-relay system.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) The HHC (TOE 11-226) for battalion-level administrative, personnel, supply, and religious services; organizational maintenance of organic motor vehicles and generator sets; and direct support maintenance of organic signal communication equipment.

(2) Appropriate units in the area for medical and dental services.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 3 EM 159

Aggr 162

b. Level 2: Off 3 EM 143

Aggr 146

c. Level 3: Off 3 EM 129

Aggr 132

Basis of allocation. One per airborne corps signal battalion (TOE 11-225).

Category. II.

Mobility. One hundred-percent mobile in organic vehicles.

Remarks. DPTOE 11-229G forwarded to HQ, USACDC, 29 May 1968, for review.

11-237G Sig Co, USAMICOM, Air Transportable

Mission. a. To provide signal communications for the command HQ, the support company, and for units near these communication centers.

b. To establish and operate facilities to connect subordinate units to command HQ, using wire, radio relay, and radio.

c. To operate the command messenger service.

d. To establish and operate connecting communication facilities to supporting logistic bases and supported ground forces.

Assignment. Organic to U.S. Army missile command, air transportable (TOE 39-51).

Capabilities. a. At level 1, this unit—

(1) Installs, operates, and maintains two signal centers. One signal center serves the command operational and tactical echelon of the missile command HQ; the other serves the command administrative and logistic echelon of the missile command HQ. Each signal center provides manual telephone-switching service, secure teletypewriter facilities, message traffic-handling facilities, and off-line cryptographic services.

(2) Installs, operates, and maintains four four-channel radio-relay systems as follows:

(a) One system between a missile command HQ and a field artillery battalion, Honest John, command post collocated with an Honest John firing position.

(b) One system between a missile command HQ and a field artillery battalion, Honest John, firing position.

(c) One system between a missile command HQ command signal center and a missile command support signal center.

(d) One system between two field artillery battalion, Honest John, firing positions.

(3) Installs, operates, and maintains two four-channel multiplex systems between a missile command HQ command signal center and a missile command support signal center.

(4) Installs, operates, and maintains six RATT nets and one CQ/voice net as follows:

(a) Point-to-point from a missile command HQ to the supported force.

(b) Net control stations for the missile command's command/fire direction and administrative/logistics nets.

(c) Provision of RATT sets to the support signal center and the special ammunition supply point for entry into the administrative/logistic net.

(d) Broadcasting station for the missile command warning net.

(5) Provides three eight-man wire teams, to be employed as required, for installation and maintenance of field wire circuits, spiral-four cable, and field telephone sets as follows:

(a) Local field wire circuits between multiplex equipment and communication patch panels.

(b) Spiral-four cable trunks between multiplex sites.

(c) Local field wire and field telephone sets, as required, at a missile command HQ.

(6) Provides a missile command HQ with three motor messenger teams.

(7) Provides organizational and direct support maintenance for signal equipment organic to the company.

(8) Provides photographic coverage (less motion picture and processing of color film) and still-picture laboratory service for the command, except for photographic services required by the aerial reconnaissance platoon of the HHC (TOE 39-52).

(9) Provides unit administration, supply, and mess facilities.

(10) Provides organizational maintenance for organic weapons, power generators, and vehicles.

b. This unit is not adaptable to a type B organization.

c. This unit depends on other units for medical, dental, finance, and religious services.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 5 WO 1

EM 178 Aggr 184

b. Level 2: Off 5 WO 1

EM 159 Aggr 165

c. Level 3: Off 5 WO 1

EM 142 Aggr 148

Basis of allocation. One per U.S. Army missile command, air transportable (TOE 39-51).

Category. II.

Mobility. One hundred-percent mobile.

11-247G Sig Co, Abn SF Gp

Mission. To provide signal communications for the special forces group and its deployed operational detachments.

Assignment. Organic to airborne special forces group (TOE 31-105).

Capabilities. a. At level 1, this unit—

(1) Provides communications for an SFOB on a 24-hour basis to include message center and cryptoservices and telephone, teletypewriter, and radio communications.

(2) Terminates land-line and radio circuits from adjacent and higher HQ.

(3) Provides personnel and equipment to operate a main SFOB and to augment the operational detachment C to concurrently operate up to four subordinate control bases (less land-line teletypewriter), as required.

(4) Furnishes personnel and equipment augmentation to the operational detachments C to provide communications, including land-line teletypewriter, cryptographic, and message center facilities for up to four separate SFOB.

(5) Provides limited ground messenger service.

(6) Performs direct support maintenance on cryptographic equipment for the special forces group and organizational and direct support maintenance on all other signal equipment organic to the special forces group. In addition, this unit performs limited general support maintenance on those items of signal equipment peculiar to the special forces group and such other items as are within the capability of the equipment and personnel authorization when located in remote or denied areas.

(7) Provides command, control, and planning for unconventional warfare communications before and after deployment.

(8) Provides photographic support for the special forces group.

b. This unit is not adaptable to a type B organization.

c. This unit can perform organizational maintenance on its organic equipment.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 6 WO 2
EM 205 Aggr 213

b. Level 2: Off 6 WO 2
EM 183 Aggr 191

c. Level 3: Off 6 WO 2
EM 162 Aggr 170

Basis of allocation. On per airborne special forces group (TOE 31-105).

Category. II.

Mobility. Sixty-percent mobile in organic vehicles; 100-percent air transportable.

11-302G (FPTOE) HHC, USASTRATCOM (Thtr)

Mission. To command assigned and attached signal units; to formulate and implement signal plans, policies, and procedures for the installation, operation, and management of the theater army communication system; and to furnish signal support for special-purpose communication systems.

Assignment. To USASTRATCOM (theater).

Capabilities. a. At level 1, this unit provides the organizational structure and a nucleus of professional and technical communications-electronics and administrative personnel to staff and support a USASTRATCOM (theater), which—

(1) Provides command, control, and supervision for all assigned and attached units.

(2) Provides signal staff planning, communication system engineering, traffic engineering, plant engineering, automatic data processing system engineering, and circuit control and allocation for the theater army signal officer.

(3) Provides technical control, coordination of operations, and broad signal planning and engineering for the theater army communication facilities installed and operated by units assigned or attached to the USASTRATCOM (theater).

(4) Provides technical liaison with signal elements of other U.S. Armed Forces, allied forces, and civilian communication agencies at the USASTRATCOM (theater) level.

(5) Provides radio propagation data and allocation and control of radio frequencies.

(6) Provides communication engineering support and coordination of requirements for pipeline, railway, highway, and inland waterway communication systems.

(7) Plans and supervises ground environment facilities for satellite communications and tracking stations, as required.

(8) Plans and supervises audiovisual functions to include film and equipment exchanges, photographic laboratories and still- and motion-picture photography.

(9) Plans; programs; and coordinates budgets, funds, and other comptroller activities in accordance with appropriate DA directives.

(10) Plans and coordinated air and ground messenger service.

(11) Provides administration, training, logistic support, and supervision and employment of assigned signal units.

(12) Provides organic mess facilities.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) Service organizations in the area for medical, dental, and finance services and for supplemental transportation, as required.

(2) Aviation units in the area for aviation support of organic aircraft.

d. Individuals of this organization, except chaplain, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 76 WO 6

EM 171 Aggr 253

b. Level 2: Off 74 WO 6

EM 148 Aggr 228

c. Level 3: Off 67 WO 6

EM 129 Aggr 202

Basis of allocation. One per USASTRATCOM (theater).

Category. III.

Mobility. Forty-five-percent mobile.

Remarks. FPTOE 11-302G at TAG for publication and distribution at the time of preparation of this manual.

11-303G Sig Rdo Op Co

Mission. To provide radio stations (voice and teletypewriter) in a theater (area) of operations for communication with CONUS or between widely separated areas within a theater.

Assignment. To USASTRATCOM (theater).

Capabilities. a. At level 1, this unit provides—

(1) Installation, operation, and maintenance (including direct support maintenance) of four multichannel HF radio stations with the following capabilities:

(a) Two high-power radio stations. Each station provides three voice channels and 16 full-duplex teletypewriter channels.

(b) Two medium-power radio stations. Each station provides four voice-frequency channels or three voice-frequency and eight full-duplex teletypewriter channels. Two subscriber packages are furnished with each station to provide "speech plus" secure full-duplex teletypewriter communication facilities between a subscriber and the radio terminal.

(2) Command, administration, unit supply and mess activities, and organizational maintenance for organic arms, motor vehicles, and power units.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) Appropriate units in the area for medical, dental, and finance services and supplemental transportation.

(2) Theater signal construction units to provide wire or cable circuits for alternate order-wire or keying lines and assistance in the erection of antennas if organizational antenna equipment is to be augmented.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 7 WO 2

EM 149 Aggr 158

b. Level 2: Off 7 WO 2

EM 133 Aggr 142

c. Level 3: Off 6 WO 2

EM 117 Aggr 125

Basis of allocation. Normally one per theater of operations or may be allocated as required.

Category. III.

Mobility. Sixty-percent mobile.

11-327G Sig Op Co, Large HQ

Mission. To provide signal communication facilities for a theater HQ or a theater army HQ.

Assignment. Normally to USASTRATCOM (theater).

Capabilities. a. At level 1, this unit—

(1) Installs, operates, and maintains communication facilities for the supported HQ to include—

(a) Two 48-channel radio-relay links to the theater army communication system.

(b) Two 48-channel cable transmission systems from the supported HQ to a transmission center of the theater army communication system.

(c) A manual telephone central office with facilities for interconnecting 940 local telephone subscribers and 120 manual or dial trunks.

(d) A secure teletypewriter terminal facility capable of terminating 16 full-duplex circuits for teletypewriter traffic.

(e) A secure teletypewriter tape-relay facility capable of operating over 24 full-duplex circuits.

(f) A teletypewriter central office facility capable of switching 15 voice-frequency teletypewriter circuits.

(g) Twelve secure HF RATT channels.

(2) Installs and maintains 16 subscriber teletypewriter circuits and related equipment to provide teletypewriter service for use within the

supported HQ complex for those elements of the HQ having unclassified message traffic workloads.

(3) Establishes and operates a message center, which provides—

(a) Message-handling facilities.

(b) Facsimile transmission and reception facilities.

(c) Six motor messenger teams for delivery of bulk traffic within the supported HQ complex and its subordinate HQ.

(4) Provides direct support maintenance for organic signal equipment.

(5) Provides unit administration, supply and mess facilities, organizational maintenance for organic arms, vehicles, and power equipment to include battalion-level organizational maintenance of organic vehicles and power equipment.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) Appropriate units in the area for medical, finance, and religious services and additional transportation.

(2) Appropriate signal units in the area for cable construction of external systems in excess of organic capabilities.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 6 WO 2

EM 376 Aggr 384

b. Level 2: Off 6 WO 2

EM 337 Aggr 345

c. Level 3: Off 6 WO 2

EM 299 Aggr 307

Basis of allocation. Four per USASTRATCOM (theater) (one per theater HQ, alternate theater HQ, theater army HQ, and alternate theater army HQ).

Category. III.

Mobility. Fifty-five percent mobile.

11-337G (PTOE) ADA Sig Co

Mission. To provide communication facilities for an air defense artillery group HQ and a multichannel radio-relay communication system between group and battalions.

Assignment. To air defense artillery group.

Capabilities. a. At level 1, this unit provides—

(1) A signal officer with a communication staff for the air defense artillery group HQ.

(2) Technical control of the group communication system.

(3) Installation (24-hour operations) and direct support maintenance for—

(a) Telephone-switching and terminal facilities for an air defense artillery group command post.

(b) A secure teletypewriter facility at the air defense artillery group for termination of teletypewriter circuits.

(c) Two RATT sets for the group command operations net: one station for the group army air defense command post (net control station) and a station to enter the corps command net (number 3).

(d) Nine voice (SSB) radio sets:

1. Three sets are required to operate the net control station for the group command, intelligence and radar reporting, and liaison nets.

2. Six sets are required to provide a set for the group commander for operations in the command net, a set for the radar section for operation in the intelligence and radar reporting net, two sets for the liaison officer for operation in the liaison net, and two sets to terminate nets from the brigade.

(e) A six- or 12-channel radio-relay system to provide multichannel links between the air defense artillery group and four subordinate battalions and lateral link between subordinate elements.

(4) Command, administration, mess, unit supply, and organizational maintenance of organic arms, motor vehicles, and power generators.

b. This unit is not adaptable to a type B organization.

c. This unit depends on other units in the area for medical, religious, and finance services.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 6 WO 1

EM 183 Aggr 190

b. Level 2: Off 6 WO 1

EM 164 Aggr 171

c. Level 3: Off 6 WO 1

EM 146 Aggr 153

Basis of allocation. One per air defense artillery group.

Category. II.

Mobility. One hundred-percent mobile in organic vehicles.

Remarks. PTOE 11-337G forwarded by HQ, USACDC, to ACSFOR, DA, 20 September 1968, for approval and publication.

11-345G Sig Op Bn

Mission. To establish, operate, and maintain a portion of the integrated signal communication system within a theater army/COMMZ, as required.

Assignment. Normally to signal group (TOE 11-122), theater signal operations command.

Capabilities. a. At level 1, this unit provides area communication support for a type of area 5,000 square miles in a theater army/COMMZ or a comparable complex of military installations and organizations. The number and type of companies assigned or attached to the battalion may be modified to accommodate varying densities of supported units in an area, variances in terrain, and/or the intensity of the warfare environment in which the battalion is employed. This unit—

(1) Directs and coordinates operations of signal units assigned or attached to the battalion and controls the communication facilities and communication services provided.

(2) Constructs and maintains wire and cable circuits, as required, within the capabilities of the assigned signal construction units.

(3) Installs, operates, and provides direct support maintenance for—

(a) Multichannel radio-relay and cable systems interconnected (patched) through signal control centers and subcenters to provide an integrated signal communication network forming part of the signal communication system in the COMMZ.

(b) A signal trunk-switching center for telephone, teletypewriter, tape-relay, facsimile, and data trunk circuits provided by the radio-relay and cable systems.

(c) Multichannel communication terminals and repeaters employed as communication system extension facilities to connect various HQ and installations within the COMMZ into the integrated signal communication system.

b. This unit is not adaptable to a type B organization.

c. This unit depends on appropriate units serving the area for medical and dental services and supplemental transportation.

d. Individuals of this organization, except chaplains, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 33 WO 8

EM 991 Aggr 1,032

b. Level 2: Off 33 WO 8

EM 886 Aggr 927

c. Level 3: Off 33 WO 8

EM 782 Aggr 823

Basis of allocation. One or more per signal group (TOE 11-122), as required.

Category. II.

Mobility. For mobility of the component units of this battalion, see applicable TOE extracts.

Components. a. One HHD (TOE 11-116G).

b. One signal construction company (TOE 11-27G).

c. One signal long-lines company (TOE 11-347G).

d. One signal trunk-switching company (TOE 11-357G).

e. One signal radio-relay company (TOE 11-377G).

11-347G Sig Long-Lines Co

Mission. To install, operate, and maintain a multichannel system for a designated portion of the theater army communication system and to install, operate, and maintain the company's signal control centers and subcenters within this system.

Assignment. To signal operations battalion (TOE 11-345).

Capabilities. a. At level 1, this unit—

(1) Installs and operates a multiple-axis, multichannel communication system consisting of four signal control centers and eight signal control subcenters (covering an area up to approximately 5,000 square miles) that is sufficiently flexible to provide either of the following:

(a) A three-axis configuration: two axes consisting of a 96-channel radio-relay multiplexer system and the center axis consisting of a 192-channel radio-relay multiplexer system, extending approximately 50 miles in depth, with axes separated by 50 miles and interconnected by a 96-channel radio-relay multiplexer system at control centers.

(b) A two-axis configuration: each axis consists of a 96-channel radio-relay multiplexer system extending 100 miles in depth, with axes separated by 50 miles and interconnected by 96-channel radio-relay multiplexer system at control centers. (This configuration can be geographically altered to extend 75 miles in depth with a 75-mile separation between axes.)

(c) Other variations, as required, to meet long-distance communication requirements in an area up to 50 by 100 or 75 by 75 miles.

(2) Provides facilities for dropout and insertion into the radio-relay system at control centers.

(This capability is reduced by 25 percent at level 2 and 50 percent at level 3.)

(3) Provides organizational and direct support maintenance for organic communication equipment.

(4) Provides organizational maintenance for organic arms, vehicles, and power units.

(5) Provides battalion-level maintenance for organic motor vehicles and power units and battalion-level unit personnel service. Personnel and equipment normally employed for these services will operate in the battalion personnel section and battalion maintenance section of the organization to which the unit is assigned.

b. This unit is not adaptable to a type B organization.

c. This unit depends on other units for medical and religious services and supplemental transportation.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 6 EM 248
Aggr 254

b. Level 2: Off 6 EM 221
Aggr 227

c. Level 3: Off 6 EM 195
Aggr 201

Basis of allocation. One or more signal operations battalion (TOE 11-345).

Category. II.

Mobility. Fifty-five-percent mobile.

11-357G Sig Trunk-Switching Co

Mission. To install, operate, and maintain a signal trunk-switching center in the theater army communication system.

Assignment. Normally to signal operations battalion (TOE 11-345). May be assigned to army signal brigade or to a signal group in the COMMZ, as required.

Capabilities. a. At level 1, this unit—

(1) Installs, operates, and provides direct support signal maintenance for a—

(a) Toll telephone-switching facility with a capacity to terminate 600 telephone circuits, providing 300 circuit interconnections.

(b) Tape-relay facility with 32 secure full-duplex circuits.

(c) Teletypewriter-switching facility capable of switching 120 teletypewriter circuits.

(2) Provides organizational maintenance for organic vehicles and power generators.

(3) Provides battalion-level maintenance for organic motor vehicles and power generators and performs battalion-level personnel services. Personnel and equipment normally employed for these functions will operate in the battalion personnel section and battalion motor maintenance section of the organization to which this unit is assigned.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) Appropriate units in its area of operations for medical and religious services and supplemental motor transportation.

(2) Signal construction units for installation and maintenance of special-purpose cable between carrier terminals of the carrier extension links.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 4 WO 2
EM 187 Aggr 193

b. Level 2: Off 4 WO 2
EM 168 Aggr 174

c. Level 3: Off 4 WO 2
EM 148 Aggr 154

Basis of allocation. Normally one per signal operations battalion (TOE 11-345).

Category. II.

Mobility. Sixty-five-percent mobile.

11-358G Sig Msgr Co

Mission. To provide theater air and ground messenger service in the COMMZ of a theater (area) of operations.

Assignment. To USASTRATCOM (theater).

Capabilities. a. At level 1, this unit—

(1) Provides messenger service (air and ground) for a theater (area) of operations approximately 160 kilometers wide and 400 kilometers deep.

(2) Establishes and operates four message relay stations at intermediate locations in a theater COMMZ.

(3) Provides aviation support facilities.

(4) Provides unit administration, supply, 24-hour mess facilities, and organizational maintenance for organic arms, vehicles, power units, avionic equipment, and aircraft.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) Appropriate units in the area for medical and religious services.

(2) The HQ to which attached for external communications.

(3) One team FD and one team FF (TOE 1-500), which are authorized when operating in Southeast Asia or similar environment, in addition to organic aircraft.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 13 WO 6

EM 103 Aggr 122

b. Level 2: Off 13 WO 6

EM 92 Aggr 111

c. Level 3: Off 11 WO 6

EM 81 Aggr 98

Basis of allocation. Normally one per USAS-TRATCOM (theater). Additional teams/companies may be assigned for an extended theater (area) of operations.

Category. III.

Mobility. One hundred-percent mobile.

11-367G (PTOE) Sig Co, Tropospheric, Lt

Mission. To provide multichannel communications, using tactical tropospheric scatter radio equipment.

Assignment. To USASTRATCOM (theater); signal operations command, theater army; army signal brigade; signal group, independent corps; or as directed.

Capabilities. a. At level 1, this unit—

(1) Installs, operates, and maintains six tropospheric scatter radio communication links (two terminals per link). These links can span distances of approximately 160 kilometers and provide 24 voice channels or 23 voice channels and 16 full-duplex teletypewriter channels.

(2) Provides circuit patching and limited test facilities to supply a technical control capability when the company is employed to install a complete system and to supply an interface capability when the company is employed in conjunction with a signal company, tropospheric, heavy (TOE 11-368); a signal radio-relay company (TOE 11-377); or radio-relay teams (TOE 11-500) (teams RJ).

(3) Provides direct support maintenance for organic signal equipment.

(4) Provides command, administration, mess, unit supply, and organizational maintenance for arms, motor vehicles, and power generators.

b. This unit is not adaptable to a type B organization.

c. This unit depends on service organizations in its area of operations for additional motor transportation and for medical, dental and finance services. When deployed at dispersed locations, additional mess personnel are required and will be provided by elements from TOE 29-500.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 5 WO 1

EM 191 Aggr 197

b. Level 2: Off 5 WO 1

EM 182 Aggr 188

c. Level 3: Off 5 WO 1

EM 162 Aggr 168

Basis of allocation. One or more per USAS-TRATCOM (theater); army signal brigade; or signal group, independent corps.

Category. II.

Mobility. One hundred-percent mobile in organic vehicles when using two lifts.

Remarks. PTOE 11-367G forwarded by HQ, USACDC, to ACSFOR, DA, 17 July 1960, for approval and publication.

11-368G (PTOE) Sig Co, Tropospheric, Hv

Mission. To provide multichannel communications, using tropospheric scatter radio equipment.

Assignment. To USASTRATCOM (theater); army signal brigade; signal group, independent corps; or as otherwise directed.

Capabilities. a. At level 1, this unit—

(1) Provides 24-hour operation and maintenance of four tropospheric scatter radio communication links (two terminals per link). These links can span distances of from 160 to 400 kilometers and provide 60 voice channels. Three voice channels may be subdivided into 48 teletypewriter channels. These links may be interfaced with a signal company, tropospheric, light (TOE 11-367); a signal radio-relay company (TOE 11-377); or teams RJ (TOE 11-500) for multichannel VHF extension links.

(2) Installs, operates, and maintains telephone and teletypewriter matched patching and testing facilities.

(3) Provides direct support maintenance for organic signal equipment.

(4) Provides command, administration, mess, unit supply, and organizational maintenance for arms, motor vehicles, and power generators.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) Service support units in its area of operation for religious, medical, finance, and dental services; supplemental motor transportation; and mess support when the unit is fully committed.

(2) Aviation units for transportation of signal maintenance personnel and equipment to remote or distant radio sites.

(3) Engineer units for construction support at selected tropospheric radio sites, to include antenna rigging and equipment emplacement, and water purification teams when the unit is employed in isolated or underdeveloped areas.

(4) Major signal command HQ to which attached or assigned for communication systems and plant engineering support to include frequency allocation, transmission path determination, antenna orientation survey, and communication plant layout.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 8 WO 1

EM 201 Aggr 210

b. Level 2: Off 8 WO 1

EM 179 Aggr 188

c. Level 3: Off 7 WO 1

EM 158 Aggr 166

Basis of allocation. a. One or more per USASTRATCOM (theater).

b. One or more per army signal brigade, field army.

c. One or more per signal group, independent corps.

Category. II.

Mobility. For tactical movements, 65-percent mobile in organic vehicles. When the unit displaces, 29 truck tractors, 5-ton, are required for displacement of organic equipment.

Remarks. PTOE 11-368G forwarded by HQ, USACDC, to ACSFOR, DA, 28 June 1968, for approval and publication.

11-377G Sig RADREL Co

Mission. To install, operate, and maintain radio terminal, radio-relay, and carrier terminal and repeater facilities to connect HQ and installations within the COMMZ into the theater army communication system.

Assignment. Normally to signal operations battalion (TOE 11-345) (theater army). May be assigned to army signal brigade (field army).

Capabilities. a. At level 1, this unit—

(1) Installs, operates, and provides direct support signal maintenance for—

(a) Thirty radio terminals and 15 radio-relay stations employed as extension links to designated HQ within the COMMZ.

(b) Eighteen multiplex/carrier terminals within the system installed and maintained by this unit.

(2) Provides organizational maintenance for organic vehicles and power generators.

(3) Provides battalion-level maintenance for organic motor vehicles and power units and battalion-level personnel services. Personnel and equipment normally employed for these functions will operate in the battalion personnel section and the battalion motor maintenance section of the organization to which this unit is attached.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) Appropriate units in its area of operations for medical support, religious services, and supplemental transportation.

(2) Signal construction units for installation and maintenance of field cable and unattended repeaters for land lines connecting the various HQ into the theater army communication system.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 6 WO 2

EM 309 Aggr 317

b. Level 2: Off 6 WO 2

EM 277 Aggr 285

c. Level 3: Off 6 WO 2

EM 246 Aggr 254

Basis of allocation. One or more per signal operations battalion (TOE 11-345).

Category. II.

Mobility. Eighty-five-percent mobile.

11-500G Sig Svc Org

Mission. a. To perform signal support functions where units of less than company size are required.

b. To increase the capabilities of fixed-strength units where increments of less than company size are needed. These teams are designed to provide organizations that differ in size and composition depending on the tactical and logistic operational considerations involved.

c. To provide command and administrative personnel for signal composite units.

Assignment. Attached or assigned to division, corps, army, LOGCOMD, or theater, as required.

Capabilities. a. The capabilities of units organized under this TOE will vary with the size and groupings of the teams used. Capabilities for each individual team are as indicated in the detailed breakdown of teams below.

b. Mess, automotive maintenance, aviation operational support, and direct support signal maintenance teams will be drawn from TOE 29-500 and TOE 29-600 or other cellular TOE. Basis of computation of teams required will be the number of personnel to be messed, the number of vehicle equivalents requiring organizational maintenance, the number of aircraft required for operational support, and the number and type of signal equipment requiring direct support maintenance.

c. These teams are not adaptable to levels 2 and 3 or to a type B organization.

d. Individuals of these teams can engage in effective, coordinated defense of their area or installation.

Strength. See individual teams below for strengths.

Basis of allocation. Allocations for individual teams are as indicated in the detailed breakdown of teams below.

Category. The category of each team will depend on the fixed-strength units to which assigned or other varying conditions under which the teams may operate.

Mobility. The degree of mobility must be computed for each specific combination of teams or composite units to be used.

Detailed Breakdown of Teams

Administrative Teams

Teams AA—AC

Team AA, platoon headquarters

Capabilities. Provides administrative and technical control for two or more teams that operate as a component of a larger organization.

Strength. Off 1 EM 2 Aggr 3

Basis of allocation. One per two or more teams that operate as a component of a larger organization.

Team AB, platoon headquarters (separate)

Capabilities. Provides administrative and technical control for two or more teams that operate separately.

Strength. Off 1 EM 4 Aggr 5

Basis of allocation. One per two or more teams that operate separately.

Team AC, company headquarters

Capabilities. Provides command and control of two or more platoons.

Strength. Off 1 EM 8 Aggr 9

Basis of allocation. One per two or more platoons, except that the company strength will not be less than 75 individuals.

Pictorial Teams

Teams FA—FM

Team FA, photographic, still and motion picture

Capabilities. Provides a five-man photographic team and equipment for operation of organic cameras, as individuals or as teams, to fulfill still- and silent motion-picture assignments.

Strength. Off 1 EM 4 Aggr 5

Basis of allocation. As required to units requiring this capability.

Team FB, motion-picture laboratory

Capabilities. Provides personnel and equipment for operation of a motion-picture laboratory normally required at a theater army HQ for processing black-and-white and color motion-picture film exposed by army photographic units in a theater of operations consisting of not more than two field armies. This includes maintenance of photographic equipment organic to the team at a level normally performed by direct support maintenance units.

Strength. Off 1 EM 19 Aggr 20

Basis of allocation. Assigned, as required, to an army theater of operations.

Team FC, photographic, newsreel

Capabilities. Provides personnel and equipment for taking sound and silent motion-picture footage of professional quality for use in newsreels, television releases, training films, information films, combat bulletins, or for general stock footage. Has limited still-picture capability.

Strength. Off 1 EM 6 Aggr 7

Basis of allocation. As required by units requiring this capability.

Team FD, photographic, identification

Capabilities. Provides a three-man identification photography team and equipment capable of producing pictorial and fingerprint data for personnel records and one-step, no-negative, photographic processing of personnel identification pictures.

Strength. EM 4

Basis of allocation. Assigned, as required, to units requiring this capability.

Team FE, still-picture laboratory, semimobile

Capabilities. Provides personnel and equipment for operation of a large still-picture laboratory normally required at a theater army HQ for processing black-and-white and color still-picture film exposed by cameramen assigned to a theater army HQ. This includes developing, printing, copying, captioning, and still photographic filing, as required, and maintenance of photographic equipment organic to the team at a level normally performed by direct support maintenance units.

Strength. Off 1 EM 25 Aggr 26

Basis of allocation. Assigned, as required, to an army theater of operations.

Team FF, still-picture laboratory, mobile

Capabilities. Provides a five-man team and equipment for operation of a mobile still-picture photographic laboratory facility that contains all the necessary developing, printing, print processing, and drying equipment capable of producing 40 prints per hour, maximum size 11 by 14 inches.

Strength. EM 5

Basis of allocation. Assigned, as required, to units requiring this capability.

Team FG, central audiovisual support center

Capabilities. Provides personnel and equipment—

a. To command, control, and coordinate the missions of a theater army central audiovisual support center and up to three subordinate audiovisual support centers to include designation of the geographical areas to be serviced by support centers in accordance with the requirements of a theater army HQ.

b. To establish and operate a theater army central audiovisual support center (film and equipment exchange) that is responsible for distributing training, information, and orientation films; providing, on a loan basis, still- and motion-picture projectors and related equipment to units within the center's geographical area of responsibility; conducting training of projectionists assigned to army units in a theater of operations; circulating films to subordinate audiovisual support centers; and maintaining photographic equipment organic to the team at a level normally performed by direct support maintenance units.

Strength. Off 1 EM 10 Aggr 11

Basis of allocation. Assigned, as required, to a theater army HQ.

Team FH, audiovisual support center

Capabilities. Provides personnel and equipment to establish and operate an army audiovi-

ual support center (film and equipment exchange) to provide audiovisual support to units located within a geographical area of responsibility designated by a theater army HQ. This includes distributing training, information, and orientation films; providing, on a loan basis, still- and motion-picture projectors and related equipment; training unit projectionists; and maintaining photograph equipment organic to the team at a level normally performed by direct support maintenance units.

Strength. EM 7

Basis of allocation. Assigned, as required, to an army theater of operations.

Team FI, motion-picture production

Capabilities. Provides personnel and equipment for production of edited motion-picture film reports on logistic or operational subjects in a COMMZ for use by staff and operations agencies and provides edited motion pictures containing news and historical records of actions or events of military significance for release and for training.

Strength. Off 2 EM 4 Aggr 6

Basis of allocation. Assigned, as required, to a theater army HQ.

Team FJ, aerial film laboratory, mobile

Capabilities. Provides a four-man still-picture laboratory team and equipment for operation of a mobile aerial film laboratory facility that is capable of continuous automatic processing of 70-mm, 5-inch, and 9½-inch aerial roll film as well as 9⅜-inch roll paper.

Strength. EM 4

Basis of allocation. Assigned, as required, to units requiring this capability.

Team FK, television studio

Capabilities. Provides personnel and equipment for limited television studio production facilities and transmission of television programs. Provides maintenance for organic television equipment at a level normally performed by direct support maintenance units. Determines special television equipment required to fulfill its mission and requests authorization to requisition this equipment.

Strength. Off 1 EM 9 Aggr 10

Basis of allocation. As required to units requiring this capability.

Team FL, television production

Capabilities. Provides personnel and equipment for the operation and maintenance of a television studio to produce and present television

programs. Provides maintenance for organic television equipment at a level normally performed by direct support maintenance units. Determines special television equipment required to fulfill its mission and requests authorization to requisition this equipment.

Strength. Off 5 WO 1 EM 22 Aggr 28

Basis of allocation. As required to units requiring this capability.

Team FM, photographic, still picture

Capabilities. Provides a two-man team for limited still photography and processing in a semi-established location for operations, intelligence, or public information use. May augment other photographic teams.

Strength. EM 2

Basis of allocation. As required by units needing this capability.

Wire Teams Teams GA—GW

Team GA, manual telephone central office (one-position)

Capabilities. Provides a six-man team and equipment for 24-hour operation of a mobile, one-position, 30- to 60-line manual telephone switchboard. Installs and maintains associated local subscriber telephones and telephone distribution systems.

Strength. EM 6

Basis of allocation. One per signal communication element requiring a 30- to 60-line manual telephone-switching capability.

Team GB, manual telephone central office (two-position)

Capabilities. Provides a 14-man team and equipment for 24-hour operation of a mobile, two-position, 120-line manual telephone switchboard. Installs and maintains associated local subscriber telephones and telephone distribution systems.

Strength. EM 14

Basis of allocation. One per signal communication element requiring a 120-line manual telephone-switching capability.

Team GC, manual telephone central office (three-position)

Capabilities. Provides personnel and equipment for 24-hour operation and organizational maintenance of a mobile, three-position, multiple, 220-line manual telephone switchboard.

Strength. EM 15

Basis of allocation. One per signal communication element requiring a 220-line manual telephone-switching capability.

Team GD, manual telephone central office (nine-position)

Capabilities. Provides personnel and equipment for 24-hour operation and organizational maintenance of a mobile, nine-position, multiple, 660-line manual telephone switchboard.

Strength. EM 35

Basis of allocation. One per signal communication element requiring a 660-line manual telephone-switching capability.

Team GE, telephone switchboard operation

Capabilities. Provides a three-man team for 24-hour operation of a one-position telephone switchboard.

Strength. EM 3

Basis of allocation. One per 24-hour operation of a one-position telephone switchboard not otherwise provided with operating personnel.

Team GF, teletypewriter central office (one-position)

Capabilities. Provides a four-man team and equipment for 24-hour operation of a mobile teletypewriter central office facility arranged for switching 16 voice-frequency teletypewriter circuits.

Strength. EM 4

Basis of allocation. One per signal communication element requiring a teletypewriter circuit-switching facility with this capability.

Team GG, teletypewriter central office (two-position)

Capabilities. Provides a seven-man team and equipment for 24-hour operation of a mobile teletypewriter central office facility arranged for switching 120 voice-frequency teletypewriter circuits.

Strength. EM 7

Basis of allocation. One per signal communication element requiring a teletypewriter-switching facility with this capability.

Team GH, teletypewriter terminal

Capabilities. Provides a six-man team and equipment for 24-hour operation of a mobile teletypewriter terminal facility arranged for three secure full-duplex or six secure half-duplex voice-frequency teletypewriter circuits.

Strength. EM 6

Basis of allocation. One per signal communication element, as required.

Team GI, teletypewriter terminal

Capabilities. Provides personnel and equipment for 24-hour operation of a mobile teletypewriter terminal facility arranged for four secure full-duplex or eight secure half-duplex voice-frequency teletypewriter circuits. Provides onsite maintenance of the team's organic teletypewriter and cryptographic equipment.

Strength. EM 14

Basis of allocation. Assigned as required to signal units requiring this capability.

Team GJ, teletypewriter tape-relay central

Capabilities. Provides a seven-man team and equipment for 24-hour operation of a mobile teletypewriter tape-relay facility arranged for nine secure half-duplex voice-frequency teletypewriter circuits. Provides onsite organizational maintenance for the team's organic teletypewriter and cryptographic equipment.

Strength. EM 7

Basis of allocation. Assigned as required to signal units requiring this capability.

Team GK, teletypewriter tape-relay central

Capabilities. Provides personnel and equipment for 24-hour operation of a mobile teletypewriter tape-relay facility arranged for control and relay of teletypewriter tape traffic over eight secure full-duplex voice-frequency teletypewriter circuits. This includes organizational maintenance for the team's organic teletypewriter and cryptographic equipment.

Strength. EM 14

Basis of allocation. Assigned as required, to signal units requiring this capability.

Team GL, field wire and field cable installation

Capabilities. Provides one five-man team and equipment for installation and maintenance of field wire and rubber-covered cable required in local telephone distributions, to include installation of local telephones, and installation and maintenance of field wire and rubber-covered cable required to interconnect signal communication terminal facilities at a signal center.

Strength. EM 5

Basis of allocation. Assigned, as required to support central office teams of this TOE or other units requiring the support provided.

Team GM, field cable installation

Capabilities. Provides an eight-man team and equipment for installation and maintenance of field cable trunk circuits used to interconnect signal centers located at HQ of major tactical command HQ and HQ of major subordinate units.

Strength. EM 8

Basis of allocation. One or more per signal communication element having a requirement to install field cable trunk circuits.

Team GN, cable and wire construction (pole line)

Capabilities. Provides a 12-man team and equipment for the construction, maintenance and rehabilitation of communication transmission pole lines to include open wire and sheathed cable (except cable splicing).

Strength. EM 11

Basis of allocation. One or more per signal communication element, as required.

Team GO, cable splicing

Capabilities. Provides a two-man cable-splicing team with appropriate tools and test equipment for splicing cable portions of open wire and cable communication systems.

Strength. EM 2

Basis of allocation. One or more per signal communication element having a requirement for cable splicers.

Team GP, wire/pole line foreman

Capabilities. Provides a wire/pole line foreman for supervision of wire and cable teams.

Strength. EM 1

Basis of allocation. Assigned as required, for supervisory control; normally, one per two teams.

Team GQ, wire/pole line supervision

Capabilities. Provides a two-man team for command and technical control of cable and wire teams.

Strength. Off 1 EM 1 Aggr 2

Basis of allocation. Assigned as required, for supervisory control; normally one per six teams GM or four teams GN.

Team GR, circuit (facilities) control

Capabilities. Provides a four-man team and equipment for 24-hour operation of a mobile circuit control facility that can interconnect, patch, and test a maximum of 624 two-wire signal communication circuits. Twelve hybrids are provided for converting 24 two-wire circuits to 12 four-wire circuits.

Strength. EM 4

Basis of allocation. Assigned, as required, to units requiring this capability.

Team GS, circuit (facilities) control

Capabilities. Provides a five-man team and equipment for 24-hour operation of a mobile circuit control facility that can interconnect, patch, and test a maximum of 468 two-wire circuits or 234 four-wire circuits.

Strength. EM 5

Basis of allocation. Assigned, as required, to units requiring this capability.

Team GT, signal system engineering control

Capabilities. Provides personnel and facilities for detailed signal system engineering and communication control for a separate tactical task force, as required.

Strength. Off 9 EM 17 Aggr 26

Basis of allocation. Normally assigned to a signal group requiring this capability.

Team GU, central electrical power

Capabilities. Provides a three-man team and equipment for 24-hour operation and organizational maintenance of a central 45-kilowatt electrical power source used for signal communication equipment. (Two 45-kilowatt diesel generators are used alternately to provide this capability.)

Strength. EM 3

Basis of allocation. One per signal communication unit requiring a central 45-kilowatt source of electrical power.

Team GV, powerman

Capabilities. Provides one powerman for operation and organizational maintenance of portable power generators (except precise power generators) used with signal communication equipment.

Strength. EM 1

Basis of allocation. As required by signal communication elements and teams from TOE 11-500 not otherwise provided organizational maintenance support for organic power-generating equipment.

Team GW, powerman

Capabilities. Provides a power team for operation and organizational maintenance of portable power generators (except precise power generators) used with signal communication equipment.

Strength. EM 2

Basis of allocation. As required by signal communication elements and teams from TOE 11-500 not otherwise provided organizational maintenance support for organic power-generating equipment.

Signal Center and Cryptographic Teams Teams MA—ME

Team MA, message center

Capabilities. Provides personnel and equipment for 24-hour operation of a mobile message center that may operate as a separate section or as part of a signal center complex.

Strength. EM 6

Basis of allocation. One or more per signal communication element required to furnish message center service.

Team MB, motor messenger

Capabilities. Provides a two-man team for scheduled or special motor messenger service.

Strength. EM 2

Basis of allocation. As required to units requiring a motor messenger capability.

Team MC, messenger dispatch

Capabilities. Provides personnel and equipment for 24-hour operation of a message pickup and dispatch point at a message center, communication center, signal center, or message distribution point.

Strength. EM 3

Basis of allocation. Normally one per 10 or more messenger teams MB assigned to a message center, communication center, signal center, or message distribution point.

Team MD, cryptomaterial control

Capabilities. Provides storage and issue, control, and organizational maintenance for cryptographic material and equipment employed in signal communication operations units.

Strength. WO 1 EM 2 Aggr 3

Basis of allocation. One per signal operations battalion or comparable signal unit with a high density of organic cryptographic equipment.

Team ME, communication center specialist

Capabilities. Provides a communication center specialist for augmentation purposes, as required, to include teletypewriter operation, cryptography, message center operation, and teletypewriter switching.

Strength. EM 1

Basis of allocation. As required to units requiring one or more of the capabilities provided.

Radio Teams Teams RA—RV

Team RA, mobile radioteletypewriter

Capabilities. Provides personnel and equipment for operation of a mobile RATT facility that includes the additional capabilities of voice and CW operation.

Strength. EM 4

Basis of allocation. As required to units requiring a RATT capability.

Team RB, high-frequency radio receiver

Capabilities. Installs, operates, and maintains a mobile HF radio-receiver facility capable of

providing four diversity or eight normal receiving circuits, with a maximum of four FSK circuits. Depends on teletypewriter terminal teams from this TOE, or the supported signal center, for circuit-terminating equipment.

Strength. EM 5

Basis of allocation. As required to units requiring a multiple HF receiver capability. Normally allocated, in conjunction with team RC, to field army or higher level organizations.

Team RC, high-frequency radio transmitter

Capabilities. Installs, operates, and maintains a mobile HF radio transmitter facility consisting of three transmitters, each capable of transmitting CW, AM, FSK, and simultaneous AM and FSK. Depends on teletypewriter terminal teams of this TOE, or the supported signal center, for circuit-terminating equipment.

Strength. EM 5

Basis of allocation. As required to units requiring a multiple HF transmitter capability. Normally allocated, in conjunction with team RB, to field army or higher level organizations.

Team RD, radio communication central (medium-power)

Capabilities. Installs, operates, and maintains a medium-power HF radio station (AN/TSC-20 or equal) capable of providing four voice-frequency channels or three voice-frequency channels and eight full-duplex teletypewriter channels for long-distance radio communications. (Two subscriber packages are included to provide "speech plus" secure full-duplex teletypewriter communications between the subscribers and the radio terminal.)

Strength. Off 1 EM 24 Aggr 25

Basis of allocation. As required to major HQ requiring long-distance radio communications. May be allocated as an immediate-reaction element to a new theater of operations for access into the STARCOM network.

Team RE, radio communication central (high-power)

Capabilities. Installs, operates, and maintains a high-power HF radio station (AN/TSC-19 or equal) consisting of separate shelter-mounted transmitter, receiver, communication center, and facilities control assemblages. Provides three voice-frequency channels and 16 full-duplex teletypewriter channels. Provision for routing the teletypewriter circuits for direct transmission of clear or encrypted text is contained in the facilities control van. Teletypewriter and security de-

vices for terminating four of the 16 teletypewriter channels are provided in the communication center van.

Strength. Off 1 WO 1 EM 38 Aggr 40

Basis of allocation. As required to major HQ requiring long-distance radio communications. May be allocated as an immediate-reaction element to a new theater of operations for access into the STARCOM network.

Team RF, radio communication central (low- and medium-power)

Capabilities. Installs, operates, and maintains an HF/SSB radio station (AN/TSC-38 or equal) containing two transmitter/receiver facilities (10-kilowatt and 1-kilowatt) capable of providing—

a. Four voice channels or three voice and 16 teletypewriter channels on the 10-kilowatt set.

b. Four voice channels or three voice and two teletypewriter channels on the 1-kilowatt set.

Strength. Off 1 EM 11 Aggr 12

Basis of allocation. As required to major HQ requiring long-distance radio communications. May be allocated as an immediate-reaction element to a new theater of operations for access into the STARCOM network.

Team RG, radioteletypewriter operation

Capabilities. Provides a RATT operator for augmentation purposes, as required.

Strength. EM 1

Basis of allocation. As required to units requiring one or more RATT operators. Normally used to augment TOE units requiring additional RATT operators.

Team RH, radio wire integration

Capabilities. Provides personnel and equipment for operation of a mobile radio wire integration facility.

Strength. EM 3

Basis of allocation. As required to signal communication units requiring a radio wire integration capability.

Team RI, radio-relay terminal

Capabilities. Provides personnel and equipment for operation of a mobile radio-relay terminal facility (AN/TRC-145 or equal) capable of providing a dual six- or 12-channel radio-relay and multiplex terminal.

Strength. EM 3

Basis of allocation. As required to signal communication units requiring this capability.

Team RJ, radio-relay repeater

Capabilities. Provides personnel and equipment for operation of a mobile radio-relay repeater facility (AN/TRC-113 or equal) capable of extending the range of a six- or 12-channel PCM radio-relay system (established by two teams RI). When employed in conjunction with team RK, operates as a dual six- or 12-channel radio-relay and multiplex terminal.

Strength. EM 3

Basis of allocation. As required by signal communication elements with a requirement for extending the range of a six- or 12-channel radio-relay system.

Team RK, multiplex terminal station

Capabilities. Provides personnel and equipment for operation of a mobile multiplex telephone terminal facility (AN/TCC-65 or equal) capable of terminating four groups of six- or 12-channel land-line (coaxial cable, CX-11230) PCM multiplex systems. When employed in conjunction with two teams RJ, operates as a quad six- or 12-channel radio-relay and multiplex terminal.

Strength. EM 4

Basis of allocation. As required by signal communication units requiring this capability.

Team RL, radio-relay terminal

Capabilities. Provides personnel and equipment for operation of a mobile radio-relay and multiplex terminal facility (AN/TRC-117 or equal) capable of operating as a dual 12-channel or as a single 24-channel radio-relay and multiplex terminal.

Strength. EM 3

Basis of allocation. As required to signal units requiring this capability.

Team RM, radio-relay repeater

Capabilities. Provides personnel and equipment for operation of a radio-relay repeater facility (AN/TRC-110 or equal) capable of extending the transmission range of a 12- or 24-channel PCM radio-relay system (established by two teams RL). When employed in conjunction with team RN, can operate as a dual 12-channel or a single 24-channel radio-relay and multiplex terminal.

Strength. EM 3

Basis of allocation. As required by signal communication units with a requirement for extending the range of a 12- or 24-channel PCM radio-relay system.

Team RN, multiplex terminal

Capabilities. Provides personnel and equipment for operation of a mobile multiplex

telephone terminal facility (AN/TCC-69 or equal) capable of terminating two groups of 12-channel or one group of 24-channel (coaxial cable, CX-11230) land-line PCM multiplex systems. When employed in conjunction with team RM, can operate as a dual 12-channel or a single 24-channel radio-relay and multiplex terminal.

Strength. EM 3

Basis of allocation. One or more per signal communication element having a requirement to provide the service stated under capabilities above.

Team RO, radio-relay terminal station

Capabilities. Provides personnel and equipment for operation of a mobile radio-relay and multiplex terminal facility (AN/TRC-138 or AN/TCC-62 or equal) capable of operating as a 48-channel radio-relay and multiplex terminal.

Strength. EM 7

Basis of allocation. As required to signal communication elements with requirements to establish a high-capacity point-to-point communication system.

Team RP, radio-relay repeater station

Capabilities. Provides personnel and equipment for operation of a mobile radio-relay repeater facility (AN/TRC-138 or equal) capable of extending the range of a 48- or 96-channel PCM radio-relay system (established by two teams RO) up to 80 kilometers. When employed in conjunction with team RQ, operates as a dual 48- or 96-channel radio-relay system.

Strength. EM 4

Basis of allocation. As required by signal communication units with a requirement for extending the range of a 48- or 96-channel radio-relay system.

Team RQ, multiplex terminal station

Capabilities. Provides personnel and equipment for operation of a mobile multiplex telephone terminal facility (AN/TCC-62 or equal) capable of terminating two groups of 48-channel land-line (coaxial cable, CX-11230) PCM multiplex systems. When employed with team RP, operates as a dual 48- or 96-channel radio-relay and multiplex terminal.

Strength. EM 4

Basis of allocation. As required by signal communication elements requiring this capability.

Team RR, tropospheric scatter terminal

Capabilities. Provides personnel and equipment to install, operate, and maintain a mobile

tropospheric scatter radio and PCM multiplex terminal facility (AN/TRC-112 and AN/TCC-69) capable of transmitting 24 PCM voice channels for distances up to 160 kilometers.

Strength. EM 8

Basis of allocation. As required for signal communication units with the mission responsibility to establish a tropospheric scatter multichannel communication system terminal.

Team RS, tropospheric scatter dual radio terminal or relay (repeater) station

Capabilities. Provides personnel and equipment to install, operate, and maintain a tropospheric scatter radio-repeater facility (AN/TRC-121) capable of extending the range of a 12- or 24-channel PCM tropospheric scatter radio system (established by two teams RR). When employed in conjunction with team RT, can operate as a dual 24-channel tropospheric scatter radio and multiplex terminal.

Strength. EM 6

Basis of allocation. As required to signal communication elements with a requirement to establish a multichannel communication system, as required.

Team RT, multiplex terminal station

Capabilities. Provides personnel and equipment for operation of mobile multiplex telephone terminal facility (AN/TCC-61 or equal) capable of terminating eight groups of 12-channel or four groups of 24-channel land-line (coaxial cable, CX-11230) PCM multiplex systems.

Strength. EM 4

Basis of allocation. As required to signal communication elements requiring this capability.

Team RU, air defense system communications (air defense artillery group)

Capabilities. Provides installation, operation, and organizational maintenance for communication facilities between air defense artillery group and battalions for employment of a missile monitor system (AN/MSG-4) when a field army communication system is not adequate for the needs. Provides termination facilities for signal systems to adjacent and higher HQ. Provides two radio-relay repeaters to extend the radio link and provides jump displacement, when required.

Strength. Off 1 EM 57 Aggr 58

Basis of allocation. As required to support air defense artillery units.

Team RV, air defense system communications (air defense artillery battalion)

Capabilities. Provides installation, operation, and organizational maintenance for communication facilities between air defense artillery battalion and batteries. Provides termination facilities to adjacent battalions in the employment of a missile monitor system (AN/MSG-4) when a field army communication system is not adequate for the needs.

Strength. Off 1 EM 40 Aggr 41

Basis of allocation. As required to support air defense artillery units.

Automatic Data Processing Teams Teams TE and TF

Team TE, automatic data processing system—digital data transmission terminal

Capabilities. Installs, operates, and maintains digital data transmission terminal equipment at automatic data processing system centers, area communication centers, and HQ having a need for a sole-user digital data communication capability.

Strength. EM 3

Basis of allocation. Assigned, as required, to an army theater of operations.

Team TF, automatic data processing system—punchcard machine support

Capabilities. To install, operate, and maintain punchcard machine equipment, including line printers, card sorters, and reproducers, in support of automatic data processing system centers.

Strength. WO 1 EM 12 Aggr 13

Basis of allocation. Assigned, as required, to an army theater of operations.

Special-Purpose Teams Teams UA—UF

Team UA, advisory, national level

Capabilities. Advises, assists, and supervises the receiving state's armed and paramilitary forces and civilian communication personnel on various methods and techniques of communications from the national level down to the lowest country level.

Strength. Off 9 EM 5 Aggr 14

Basis of allocation. As directed by DA.

Team UB, advisory, radio

Capabilities. Advises, assists, and supervises the receiving state's armed and paramilitary forces and civilian communication personnel below national level on planning, training, and employment of radio and RATT communication requirements.

Strength. Off 1 EM 2 Aggr 3

Basis of allocation. As directed by DA.

Team UC, advisory, wire and teletypewriter

Capabilities. Advises, assists, and supervises the receiving state's armed and paramilitary forces and civilian communication personnel below national level on planning, training, and the employment of wire, switchboard, and teletypewriter communication requirements.

Strength. Off 1 EM 3 Aggr 4

Basis of allocation. As directed by DA.

Team UD, advisory, radio-relay and carrier/multiplexer terminal

Capabilities. Advises, assists, and supervises the receiving state's armed and paramilitary forces and civilian communication personnel below national level on planning, training, and employment of radio-carrier and radio-relay communication requirements.

Strength. Off 1 EM 4 Aggr 5

Basis of allocation. As directed by DA.

Team UE, advisory, communication center

Capabilities. Advises, assists, and supervises the receiving state's armed and paramilitary forces and civilian communication personnel at all levels within the country on planning, training, and the operation of communication centers.

Strength. Off 1 EM 2 Aggr 3

Basis of allocation. As directed by DA.

Team UF, advisory, signal material utilization

Capabilities. Advises and assists the receiving state's armed and paramilitary and civilian communication personnel on signal supply and maintenance policies and procedures applicable to all levels within the receiving state.

Strength. Off 2 EM 2 Aggr 4

Basis of allocation. As directed by DA.

CHAPTER 10

ADJUTANT GENERAL UNITS

10-292G (DPTOE) HHC, GRREG Gp

Mission. To provide command, planning, control, and supervision for assigned units furnishing graves registration service to the COMMZ.

Assignment. To PERSCOM.

Capabilities. a. At level 1, this unit commands and controls two or more graves registration battalions and other assigned or attached units engaged in—

(1) Establishing and maintaining cemetery operations and search, collection, identification, and evacuation operations.

(2) Operating a theater army personal effects depot.

(3) Maintaining status data on recovery and burial of remains and accomplishing pertinent records and reports in connection with graves registration activities.

(4) Operating a concurrent return of remains program to CONUS when such a program is in effect within the theater.

(5) Providing, in a joint operation, for the acceptance and disposition of the remains of other Services, including burial, burial records, and cemetery maintenance until other provisions have been made for subsequent custody.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. Individuals of this organization, except chaplain, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 19 WO 1
EM 56 Aggr 76

b. Level 2: Off 17 WO 1
EM 49 Aggr 67

c. Level 3: Off 16 WO 1
EM 44 Aggr 61

d. Type B: Off 15 WO 1
EM 45 Aggr 61

Basis of allocation. One per TASCOT when two or more graves registration battalions are required, or in post hostility operations.

Category. II.

Mobility. Forty-percent mobile in organic vehicles when using two lifts in administrative movements. Additional group transportation is required for 10 tons of supplies and equipment and 34 personnel; 1,535.4 cubic feet of supplies and equipment cannot be moved with organic vehicles

Remarks. DPTOE 10-292G forwarded to HQ, USACDC, in December 1967 for review.

10-296G (DPTOE) HHC, GRREG Bn and Pers Eff Dep HHD, GRREG Bn

Mission. a. To command and control the operation of graves registration companies.

b. To plan, control, and supervise the operation of a personal effects depot.

Assignment. To PERSCOM; normally allocated to HHC, graves registration group (TOE 10-292).

Capabilities. a. At level 1, this unit commands and controls two or more graves registration companies (TOE 10-297) engaged in—

(1) Operating and maintaining temporary military cemeteries or operating a direct, concurrent return program.

(2) Operating central collecting points for remains.

(3) Providing field search and recovery teams to supplement recovery operations performed by the ASCOM in TASCOT and field army graves registration elements.

(4) Assuming control of temporary cemeteries established by the field army when the field army displaces forward.

(5) Assuming the responsibilities, functions, and operations of HHC, graves registration group, when a group is not authorized.

(6) When organized as HHC, graves registration battalion and personal effects depot, establishing and operating a theater army personal effects depot. When only one personal effects depot is required in the theater, all other graves regis-

tration battalions will be organized under HHD, graves registration battalion.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. This unit depends on—

(1) A personnel service company for processing administrative actions to include classification, personal affairs, maintenance of personnel records, personnel accounting, casualty reporting, rosters, and orders directing personnel actions.

(2) A finance direct support company for pay actions.

d. When organized as an HHC, graves registration battalion and personal effects depot, this unit depends on engineer support for installation of power and lights in storage facilities.

e. Individuals of this organization, except chaplain, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. When organized as HHC, graves registration battalion and personal effects depot:

- (1) Level 1: Off 11 WO 2
EM 66 Aggr 79
- (2) Level 2: Off 11 WO 2
EM 63 Aggr 76
- (3) Level 3: Off 11 WO 2
EM 54 Aggr 67
- (4) Type B: Off 11 WO 2
EM 62 Aggr 75

b. When organized as HHD, graves registration battalion:

- (1) Level 1: Off 10 WO 2
EM 44 Aggr 56
- (2) Level 2: Off 10 WO 2
EM 42 Aggr 54
- (3) Level 3: Off 10 WO 2
EM 38 Aggr 50
- (4) Type B: Off 10 WO 2
EM 41 Aggr 53

Basis of allocation. One per two to five graves registration companies.

Category. II.

Mobility. Thirty-six-percent mobile in organic vehicles when using two lifts in administrative movement. When the unit displaces in two lifts, additional general-purpose transportation is required for 29 tons of supplies and equipment and 69 personnel; 2,770 cubic feet of supplies and equipment cannot be moved with organic vehicles.

Remarks. DPTOE 10-296G forwarded to HQ, USACDC, in December 1967 for review.

10-297G (PTOE) GRREG Co, COMMZ

Mission. a. To conduct, search for, recover, and evacuate remains of deceased U.S. military personnel, certain U.S. civilians, and allied personnel, as authorized or as circumstances dictate.

b. To verify, establish identification, and perform interments in temporary military cemeteries.

c. To prepare and submit documents and records of all burials.

d. To collect, inventory, and dispose of personal effects received with remains.

e. When a concurrent return program is in effect, to provide staffing for an oversea mortuary.

Assignment. To PERSCOM, TASCOT; normally attached to HHC, graves registration battalion and personal effects depot.

Capabilities. a. At level 1, this unit—

(1) Establishes, operates, and maintains two temporary military cemeteries.

(2) When directed, consolidates the remains interred in those cemeteries that, by reason of size distance, location, and/or withdrawal of forces, do not permit proper security and maintenance.

(3) Conducts search and recovery operations over a given area or, when required, establishes collecting points for the evacuation of remains to temporary military cemeteries.

(4) When required, establishes one or more collecting points for the evacuation of remains when a concurrent return program is in effect.

(5) When a concurrent return program is in effect, may be assigned to provide staffing for an oversea mortuary.

(6) Can process 100 remains per day.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. This unit depends on—

(1) The personnel service company for processing administrative actions to include classification, personal affairs, maintenance of personnel records, personnel accounting, casualty reporting, rosters, and orders directing personnel actions.

(2) A finance service organization for financial services.

(3) A transportation organization for movement of 7½-ton refrigerated semitrailers.

d. Each platoon can operate independently when provided administrative, messing, organizational supply and maintenance, and operational supply support.

e. Individuals of this organization can engage

in effective, coordinated defense of the unit's area or installation.

- Strength.* a. Level 1: Off 4 EM 115
Aggr 119
b. Level 2: Off 4 EM 103
Aggr 107
c. Level 3: Off 4 EM 92
Aggr 96
d. Type B: Off 4 EM 46
Aggr 50

Basis of allocation. As required in TASCOT based on capabilities outlined above; normally one per 200,000 U.S. Army troops supported.

Category. II.

Mobility. Thirty-six-percent mobile in organic vehicles when using two lifts in administrative movement. When the unit displaces in two lifts, additional general-purpose transportation is required for 43.1 tons of supplies and equipment and 74 personnel; 6,322.4 cubic feet of supplies and equipment cannot be moved with organic vehicles.

Remarks. PTOE 10-297G forwarded to ACSFOR, DA, 12 August 1968, for approval and publication.

12-18G (FPTOE) SPS Org SPS Det

Mission. To establish and provide operating control of rest areas and leave and recreation centers within the theater army area.

Assignment. a. Team AA (administrative control). TO PERSCOM, TASCOT.

b. Team AB (detachment HQ).

(1) To special services organization, PERSCOM.

(2) To personnel and administration battalion, corps or army support brigade, FASCOM.

(3) To area support group, ASCOM, TASCOT.

c. Team FA (recreation and entertainment).

(1) To special services detachment.

(2) As required.

Capabilities. a. At level 1, these units have the following capabilities:

(1) Administrative control team AA provides command and control of from two to 12 special services detachments.

(2) Detachment HQ team AB provides command and control of from one to four recreation and entertainment teams.

(3) Recreation and entertainment team FA establishes and operates a leave and recreation

center in support of 200 troops or a rest area in support of 750 troops and provides supervision and equipment for athletics, recreation, arts, and crafts.

b. These units are designed for level 1 only. They are designed to support a given number of troops and, therefore, are not adaptable to levels 2 and 3.

c. The capabilities of a type B organization are the same as those of a level 1 organization.

d. These units depend on—

(1) The AG personnel service unit (TOE 12-67) for personnel administrative actions.

(2) Other units for mess and battalion-level vehicle maintenance.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Team AA:

(1) Level 1: Off 2 EM 3
Aggr 5

(2) Type B: Off 2 EM 1
Aggr 3

b. Team AB:

(1) Level 1: Off 1 EM 9
Aggr 10

(2) Type B: Off 1 EM 5
Aggr 6

c. Team FA:

(1) Level 1: Off 1 EM 7
Aggr 8

(2) Type B: Off 1 EM 4
Aggr 5

Basis of allocation. a. Team AA. One per special services organization, PERSCOM, TASCOT.

b. Team AB. One per special services detachment.

c. Team FA. Four per special services detachment or one per 200 troops in a leave and recreation center or one per 750 troops in a rest area.

Category. a. Category II unit.

(1) Detachment HQ, special services detachment, personnel and administration battalion (TOE 12-66), when assigned to corps or army support brigade, FASCOM.

(2) Recreation and entertainment team when assigned to a special services detachment, personnel and administration battalion (TOE 12-66), corps or army support brigade.

b. Category III unit.

(1) Administrative control team when as-

signed to a special services organization, PERSCOM, TASCUM.

(2) Detachment HQ when assigned to a special services detachment of the special services organization, PERSCOM, TASCUM, or area support group, ASCOM.

(3) Recreation and entertainment team when assigned to a special services detachment, special services organization, PERSCOM, or area support group, ASCOM.

Mobility. a. Administrative control team. Forty-percent mobile.

b. Detachment HQ. Eighty-percent mobile.

c. Recreation and entertainment team. Fifty-percent mobile.

Remarks. FPTOE 12-18G at TAG for publication and distribution at the time of preparation of this manual.

12-32G Sp Band

Mission. a. To provide music for appropriate military ceremonies, recreational activities, radio and television presentations, and civilian functions, as authorized and/or directed by DA.

b. To fulfill musical requirements of the United States Military Academy; Military District of Washington; and Office, Chief of Information, DA.

c. To present concerts throughout the United States and other areas, as directed by DA.

Assignment. As directed by DA.

Capabilities. a. Special bands provide music for—

- (1) Military ceremonies.
- (2) Religious ceremonies.
- (3) Patriotic events.
- (4) International events.
- (5) Public relations activities.
- (6) Official and quasi-official functions.
- (7) Athletic events.
- (8) Recreational activities.

b. In addition, when appropriate elements of TOE 12-580 are specifically authorized by DA, the unit has the following additional capabilities:

(1) A ceremonial group to provide prescribed music for ceremonial funerals at Arlington National Cemetery.

(2) An orchestra group to provide an orchestra for appearances in and around the Military District of Washington, as directed by the Secretary of Defense.

(3) A choral group to provide a chorus for nationwide appearances of the Army Field Band.

(4) A field music group to provide ceremonial and marching music for the United States Military Academy concurrent with, and in addition to, that provided by the United States Military Academy Band. The string section of this group provides for use of the band in nationwide radio and television presentations and receptions and instrumentation for dance orchestras.

(5) A public relations and administrative section to provide the required publicity and coordination for the concert tour mission and to insure maintenance of personnel records and logistic support of the organization.

(6) A transportation section to operate and maintain the vehicular transportation required in the band mission.

c. This unit is not adaptable to levels 2 and 3.

d. This unit is not adaptable to a type B organization.

e. This unit depends on—

(1) The HQ to which attached for mess and other service functions not herein provided.

(2) Appropriate teams from TOE 29-500 if separate mess facilities are to be provided.

Strength. Off 3 WO 1 EM 119 Aggr 123

Basis of allocation. Normally one per—

a. Military District of Washington (DA).

b. Chief of Information (DA).

c. United States Military Academy.

Category. III.

Mobility. Fixed.

12-47G PRD

Mission. To provide intransit mail routing and redistribution service between Army Post Offices in the area served and between Army Post Offices and serving base post offices.

Assignment. To field army, support command, or TASCUM.

Capabilities. a. At level 1, this unit provides each type of postal regulating detachment the capability for intransit mail routing and redistribution service for a specified number of troops in the combat zone or COMMZ as follows: type A, under 100,000; type B, from 100,000 to 200,000.

b. These units are not adaptable to a type B organization. However, DA civilians may be substituted for U.S. military personnel as indicated in d below.

c. DA civilian employees may be used to fill certain skilled postal positions except in units assigned to a FASCOM.

d. The total number of DA civilian employees that may be used in a particular postal regulating detachment must be determined by the major commander to which the unit is assigned, subject to the following criteria:

(1) DA civilian employees will not replace U.S. military personnel in units assigned to a FASCOM.

(2) The military personnel retained in these units are equivalent in number to twice the total cadre strength for these particular units.

e. These units will be attached to other units for mess, personnel, supply, communications, medical service, security guard, and motor maintenance. Appropriate detachments, as required, organized under the provisions of the 500 and 600-series TOE may be attached when the supporting unit is unable to furnish these services.

f. Arms and individual equipment are authorized for U.S. military personnel only. When DA civilian employees are used, mail guards will be furnished by the units to which this unit is attached.

g. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Type A:

- (1) Level 1: Off 2 EM 20
Aggr 22
- (2) Level 2: Off 2 EM 18
Aggr 20
- (3) Level 3: Off 2 EM 16
Aggr 18

b. Type B:

- (1) Level 1: Off 3 EM 40
Aggr 43
- (2) Level 2: Off 3 EM 36
Aggr 39
- (3) Level 3: Off 3 EM 31
Aggr 34

Basis of allocation. On the basis of strength of forces to be served.

Category. III.

Mobility. Thirty-percent mobile.

12-56G HHD, Repl Bn

Mission. To supervise and control processing, orientation, limited equipping, messing, and billeting of replacements.

Assignment. Normally to theater army, FASCOM, or support command of an independent corps.

Capabilities. a. At level 1, this unit—

(1) Provides command, staff, administration, and supply for from three to five replacement companies.

(2) Processes from 18,000 to 30,000 normal replacements per month at an average of 48 hours per replacement or from 6,000 to 10,000 stockage replacements per month at an average of 144 hours per replacement to include receiving, orienting, and preparing for distribution.

(3) Performs organizational maintenance, as required, on organic and attached companies' motor vehicles and teletypewriters.

(4) Reclassifies approximately 3,000 hospital returnees, theater casualties, and other replacements per month.

(5) Requests and coordinates transportation required to physically move replacements from the replacement battalion to gaining units.

b. This unit is not adaptable to a type B organization.

c. When the mission to be performed or the workload imposed on this unit exceeds the capabilities indicated above, the additional capabilities required must be provided from appropriate cellular teams of the 500- and 600-series TOE or by the establishment of an MTOE under the provisions of AR 310-31.

d. The unit depends on—

(1) The AG personnel service company to which attached for personnel administrative actions.

(2) An attached replacement company for messing and partial supply.

e. Individuals of this organization, except chaplain personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 7 WO 1
EM 35 Aggr 43

b. Level 2: Off 6 WO 1
EM 31 Aggr 38

c. Level 3: Off 5 WO 1
EM 29 Aggr 35

Basis of allocation. One per three to five replacement companies (TOE 12-57).

Category. II.

Mobility. Forty-percent mobile.

12-57G Repl Co

Mission. To provide the operating component of the replacement system for messing, billeting, limited equipping, locally controlling, and orienting replacements.

Assignment. Normally to theater army, FASCOM, or separate corps; normally attached to HHD, replacement battalion (TOE 12-56).

Capabilities. a. At level 1, this unit can provide messing, billeting, limited supply, and training for 400 replacements.

(1) Replacement capability per month at an average of 48 hours per replacement—6,000.

(2) Stockage replacement capability per month at an average of 144 hours per replacement—2,000.

b. At level 2, this unit can provide messing, billeting limited supply, and training for 360 replacements.

(1) Replacement capability per month at an average of 48 hours per replacement—5,400.

(2) Stockage capability per month at an average of 144 hours per replacement—1,800.

c. At level 3, this unit can provide messing, billeting, limited supply, and training for 320 replacements.

(1) replacement capability per month at an average of 48 hours per replacement—4,800.

(2) Stockage capability per month at an average of 144 hours per replacement—1,600.

d. This unit is not adaptable to a type B organization.

e. This unit depends on the unit to which assigned or attached for motor maintenance support and for personnel service when this service is not available from an AG personnel service company.

f. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 5 EM 22
Aggr 27

b. Level 2: Off 5 EM 20
Aggr 25

c. Level 3: Off 4 EM 19
Aggr 23

Basis of allocation. a. One per 6,000 normal replacements to be processed per month or major fraction thereof.

b. One per 2,000 stockage replacements per month or major fraction thereof.

Category. II.

Mobility. Twenty-five-percent mobile.

12-66G (DP TOE) HHD, P&A Bn

Mission. a. HHD, personnel and administration battalion, theater army. To provide command, control, staff planning, and supervision for assigned or attached units that furnish adminis-

trative and personnel services to nondivisional troops in the TASCOT.

b. HHD, personnel and administration battalion, field army. To provide command, control, staff planning, and supervision for assigned or attached units that furnish administrative, personnel, replacement, special services, band, and postal service to nondivisional troops in the FASCOM; to serve as a carrier unit to provide administrative and logistic support to attached finance units, as required.

Assignment. a. HHD, personnel and administration battalion, theater army. To ASCOM of TASCOT.

b. HHD, personnel and administration battalion, field army. To army support brigade and each corps support brigade of the FASCOM.

Capabilities. a. At level 1—

(1) HHD, personnel and administration battalion, theater army, provides—

(a) Command, control, and supervision for assigned or attached units; normally from two to six personnel service companies and an administrative service company.

(b) Staff planning for assigned or attached units.

(c) Liaison with the supported units and HQ.

(d) Coordination of logistic and administrative support for assigned or attached units.

(2) HHD, personnel and administration battalion, field army, provides—

(a) Command, control, and supervision for assigned or attached units; normally a personnel service company, administrative service detachment; band; from one to four replacement regulating detachments; one or two special services detachments; and from one to four Army postal units, except finance direct support companies.

(b) Staff planning for assigned or attached units except finance direct support companies.

(c) Logistic, administrative, and maintenance support for assigned or attached units.

b. This unit depends on other units for medical, chaplain, and mess support. The theater army unit requires finance direct support.

c. This unit is not adaptable to a type B organization.

d. When the mission to be performed or the workload imposed exceeds the capabilities above,

the additional capabilities required must be provided from appropriate cellular teams of the 500- and 600-series TOE or by establishment of an MTOE under the provisions of AR 310-31.

Strength. a. When organized as HHD, personnel and administration battalion, theater army:

- (1) Level 1: Off 15 EM 39
Aggr 54
- (2) Level 2: Off 15 EM 36
Aggr 51
- (3) Level 3: Off 14 EM 33
Aggr 47

b. When organized as HHD, personnel and administration battalion, field army:

- (1) Level 1: Off 12 EM 39
Aggr 51
- (2) Level 2: Off 12 EM 35
Aggr 47
- (3) Level 3: Off 12 EM 32
Aggr 44

Basis of allocation. a. HHD, personnel and administration battalion, theater army. One per ASCOM of the TASCOC.

b. HHD, personnel and administration battalion, field army. In the corps and army support brigades of the FASCOC.

Category. a. When organized as HHD, personnel and administration battalion, theater army: III.

b. When organized as HHD, personnel and administration battalion, field army: II.

Mobility. Ten-percent mobile.

Remarks. DPTOE 12-66G forwarded to HQ, USACDC, in March 1967 for review.

12-67G Pers Svc Co

Mission. To provide organizational and direct personnel support to all units served.

Assignment. a. To FASCOC. Normally further assigned or attached to brigade- or group-size organizations that furnish combat service support for all nondivisional troops of the field army.

b. To field army, corps, and COMMZ. This TOE is appropriate for use to provide centralized personnel services to nondivisional troops of the field army, corps, COMMZ, and installations wherever personnel groupings are as outlined below.

Capabilities. a. These units are designed for level 1 only; therefore, the type of unit required

will depend on the number of troops to be supported.

(1) Each type of company provides personnel services on the following basis:

Type	Troops supported	Type of service manual/mechanized
A -----	2,000—4,999	X
B -----	5,000—7,999	X or X
C -----	8,000—10,999	X or X
D -----	11,000—13,999	X or X
E -----	14,000—16,999	X or X

(2) Each type of company can form battalion-size personnel service elements for attachment to organizations that require personnel service support when operating independently for extended periods.

(3) The company HQ for each type of unit provides administrative services to the operating elements of the unit.

b. This unit is not adaptable to a type B organization.

c. This unit depends on other units for chaplain and medical services.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

- Strength.* a. Type A: Off 2 WO 2
EM 70 Aggr 74
- b. Type B: Off 3 WO 3
EM 111 Aggr 117
- c. Type C: Off 4 WO 3
EM 142 Aggr 149
- d. Type D: Off 4 WO 3
EM 170 Aggr 177
- e. Type E: Off 4 WO 3
EM 196 Aggr 203

Basis of allocation. a. As required, based on the troop support capabilities indicated above.

b. Direct worker positions in the personnel records division, personnel management division, personnel actions division, and administrative machine division of each type (A, B, C, D, and E) are based on one per each 89 troops supported. The following formula will be used to achieve a reduction in direct workers when there is a significant reduction in the number of troops to be supported:

$$\frac{\text{Troops supported}}{89} = \text{Direct workers}$$

Direct worker positions required will be distributed as follows:

Division	Percentage of workers
Records -----	51
Management -----	19
Actions -----	14
Administrative machine -----	16 ^a

Category. II.

Mobility. Thirty-five-percent mobile.

Remarks. This unit will be replaced by personnel service detachment or personnel service company (TOE 12-67G (Corrected Copy)), when published.

12-67G (Corr Cy) (PTOE) Pers Svc Det Pers Svc Co

Mission. To act as custodian of and maintain the command's individual military personnel record, which is a personnel record maintained in magnetic form, and to accomplish the actions and services coincident with this responsibility.

Assignment. a. To personnel and administration battalion, field army; corps support brigade of the FASCOM; or ASCOM.

b. To independent groupings of personnel or units in the strength range of the types of units listed below.

Capabilities. a. Provides personnel services as follows:

Type	Level 1	Troops Supported Level 2	Level 3
Type A -----	2,600	2,300	2,000
Type B -----	3,900	3,500	3,100
Type C -----	5,800	5,250	4,700
Type D -----	8,700	7,900	7,000
Type E -----	13,100	11,800	10,500
Type F -----	19,750	17,800	15,800
Type G -----	28,400	25,550	22,700

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) Other units for chaplain, medical, and finance support. Types A through C also require mess support. Types A through D also require maintenance support.

(2) A computer facility for direct computer support.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

e. Personnel direct workers in the following divisions of each type of unit are based on the ratios indicated:

(1) Personnel management division—1 direct worker for every 577 troops supported.

(2) Personnel actions division—1 direct worker for every 714 troops supported.

(3) Personnel records division—1 direct worker for every 806 troops supported.

Strength. a. Type A:

- (1) Level 1: Off 1 EM 25
Aggr 26
- (2) Level 2: Off 1 EM 22
Aggr 23
- (3) Level 3: Off 1 EM 21
Aggr 22

b. Type B:

- (1) Level 1: Off 2 EM 33
Aggr 35
- (2) Level 2: Off 2 EM 30
Aggr 32
- (3) Level 3: Off 2 EM 27
Aggr 29

c. Type C:

- (1) Level 1: Off 2 WO 2
EM 45 Aggr 49
- (2) Level 2: Off 2 WO 2
EM 42 Aggr 46
- (3) Level 3: Off 2 WO 2
EM 39 Aggr 43

d. Type D:

- (1) Level 1: Off 3 WO 2
EM 68 Aggr 73
- (2) Level 2: Off 3 WO 2
EM 64 Aggr 69
- (3) Level 3: Off 3 WO 2
EM 60 Aggr 65

e. Type E:

- (1) Level 1: Off 4 WO 2
EM 102 Aggr 108
- (2) Level 2: Off 4 WO 2
EM 90 Aggr 96
- (3) Level 3: Off 4 WO 2
EM 82 Aggr 88

f. Type F:

- (1) Level 1: Off 4 WO 2
EM 131 Aggr 137
- (2) Level 2: Off 4 WO 2
EM 122 Aggr 128
- (3) Level 3: Off 4 WO 2
EM 110 Aggr 116

g. Type G:

- (1) Level 1: Off 5 WO 1
EM 177 Aggr 183
- (2) Level 2: Off 5 WO 1
EM 163 Aggr 169
- (3) Level 3: Off 5 WO 1
EM 147 Aggr 153

^a Applies to types B, C, D, and E only.

Basis of allocation. a. As required in FASCOM, based on the troop strength above, troop accessibility, and communications.

b. As required in each mission command, ASCOM, and other units in TASCOT.

c. As required for independent groupings of personnel or units.

Category. a. When assigned to field army: II.

b. When employed in the COMMZ or zone of interior: III.

Mobility. a. *Type A.* Sixty-percent mobile in organic vehicles when using two lifts in administrative movement. When the unit displaces in two lifts, additional general-purpose transportation is required for 6 tons of supplies and equipment and 18 personnel.

b. *Type B.* Fifty-five-percent mobile in organic vehicles when using two lifts in administrative movement. When the unit displaces in two lifts, additional general-purpose transportation is required for 10 tons of supplies and equipment and 25 personnel.

c. *Type C.* Fifty-percent mobile in organic vehicles when using two lifts in administrative movement. When the unit displaces in two lifts, additional general-purpose transportation is required for 16 tons of supplies and equipment and 40 personnel.

d. *Type D.* Forty-five-percent mobile in organic vehicles when using two lifts in administrative movement. When the unit displaces in two lifts, additional general-purpose transportation is required for 22 tons of supplies and equipment and 54 personnel.

e. *Type E.* Forty-percent mobile in organic vehicles when using two lifts in administrative movement. When the unit displaces in two lifts, additional general-purpose transportation is required for 26 tons of supplies and equipment and 94 personnel.

f. *Type F.* Thirty-five-percent mobile in organic vehicles when using two lifts in administrative movement. When the unit displaces in two lifts, additional general-purpose transportation is required for 30 tons of supplies and equipment and 122 personnel.

g. *Type G.* Thirty-percent mobile in organic vehicles when using two lifts in administrative movement. When the unit displaces in two lifts, additional general-purpose transportation is required for 34 tons of supplies and equipment and 144 personnel.

Remarks. PTOE 12-67G (Corrected Copy) forwarded to ACSFOR, DA, 15 October 1968, for approval and publication. When published, this unit will replace personnel service company (TOE 12-67G).

12-107G Army Band

Mission. To promote and maintain the morale and *esprit de corps* of troops by providing suitable music for military formations, formal concerts, and recreational activities.

Assignment. To field army or TASCOT.

Capabilities. a. At level 1, this unit provides the following types of music:

- (1) Military.
- (2) Concert.
- (3) Dance.

(a) Forty-two piece band (two dance orchestras).

(b) Twenty-eight piece band (one dance orchestra).

(4) Miscellaneous (radio, small musical combinations, and stage shows).

b. This unit is not adaptable to levels 2 and 3.

c. This unit is not adaptable to a type B organization.

d. This unit depends on other units for administration, mess, supply, and transportation.

e. Bands composed of male personnel will perform such combat duties as the exigencies of the service demand. Such missions will be limited to those for which personnel of the band have been trained and equipped and will be of a nature that permits the band to remain organically intact.

f. Individuals of this organization, except the WAC band, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. When organized as 42-piece band:

WO 1 EM 42 Aggr 43

b. When organized as 28-piece band:

WO 1 EM 28 Aggr 29

Basis of allocation. a. Forty-two piece band. One per army, corps, FASCOM, area support group, or as otherwise directed by DA.

b. Twenty-eight piece band. One per training center, installation, or group of installations with a troop population of 5,000 or more not otherwise authorized a band.

Category. a. When assigned to field army: II.

b. When assigned to TASCOM: III.
Mobility. Fixed.

12-167G Admin Co, Sep Abn Bde

Mission. a. To serve as a carrier unit that provides support for certain elements of the special staff.

b. To provide the necessary personnel and administrative support to sustain the brigade. This includes centralized personnel service for all units that are assigned to the brigade and a capability for replacement support.

c. To comprise the brigade rear echelon.

Assignment. Organic to support battalion, separate airborne brigade (TOE 29-105).

Capabilities. a. At level 1, this unit provides—
(1) Logistic support, tactical security, and mess facilities for personnel assigned or attached to the company.

(2) The capability to try cases by general courts-martial and to furnish an accused requested representation in an Article 32 investigation.

(3) Company-level personnel and administrative support for personnel assigned to the company.

(4) Brigade-level personnel and administrative support for all personnel assigned or attached to the brigade.

(5) A replacement detachment with the capability to receive, control, and administratively process up to 100 individuals at any given time. This may be any combination of personnel arriving as replacements, returning from the hospitals, or departing for rotation or other purposes.

b. At level 1, the quality assurance section, pay division, disbursing division, personnel records branch, personnel management branch, and personnel actions branch are designed to support approximately 4,000 troops.

c. At level 2, the company elements indicated in b above are designed to support approximately 3,600 troops.

d. At level 3, the company elements indicated in b above are designed to support approximately 3,200 troops.

e. This unit is not adaptable to a type B organization.

f. When the mission to be performed or the workload imposed on this unit exceeds the capabilities indicated above, the additional capabilities required must be provided from appropriate cellular teams of the 500- and 600-series TOE or by

the establishment of an MTOE under the provisions of AR 310-31.

g. This unit depends on the support battalion, separate airborne brigade, for communications, battalion-level maintenance, and medical care.

h. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 11 WO 2
EM 101 Aggr 114

b. Level 2: Off 11 WO 2
EM 89 Aggr 102

c. Level 3: Off 8 WO 2
EM 83 Aggr 93

Basis of allocation. One per support battalion, separate airborne brigade (TOE 29-105).

Category. II.

Mobility. Fixed; 100-percent air transportable in medium transport aircraft.

12-177G Admin Co, Sep Armd Bde Admin Co, Sep Inf Bde Admin Co, Sep Inf Bde (Mech)

Mission. a. To serve as a carrier unit that provides support for certain elements of the special staff.

b. To provide the necessary personnel and administrative support to sustain the brigade. This includes centralized personnel service for all units that are assigned to the brigade and a capability for replacement support.

c. To comprise the brigade rear echelon.

Assignment. Organic to support battalion, separate armored or infantry (mechanized) brigade (TOE 29-75); or support battalion, separate infantry brigade (TOE 29-135).

Capabilities. a. At level 1, this unit provides—
(1) Logistic support, tactical security, and mess facilities for personnel assigned or attached to the company.

(2) The capability to try cases by general courts-martial and to furnish an accused requested representation in an Article 32 investigation.

(3) Company-level personnel and administrative support for personnel assigned to the company.

(4) Brigade-level personnel and administrative support for personnel assigned or attached to the bridge.

(5) A replacement detachment with the capability to receive, control, mess, and administratively process up to 100 individual replacements at

any given time. This may be any combination of personnel arriving as replacements, returning from the hospital, or departing for rotation or other purposes.

b. At level 1, the quality assurance section, pay division, disbursing division, personnel records branch, personnel management branch, and personnel actions branch are designed to support approximately 5,000 troops.

c. At level 2, the company elements indicated in *b* above are designed to support approximately 4,500 troops.

d. At level 3, the company elements indicated in *b* above are designed to support approximately 4,000 troops.

e. At levels 2 and 3, the replacement detachment depends on the company for mess support of the replacements.

f. This unit is not adaptable to a type B organization.

g. When the mission to be performed or the workload imposed on this unit exceeds the capabilities indicated above, the additional capabilities required must be provided from appropriate cellular teams of the 500- and 600-series TOE or by the establishment of an MTOE under the provisions of AR 310-31.

h. This unit depends on the support battalion, separate armored, infantry, or infantry (mechanized) brigade, for communications, battalion-level motor maintenance, and medical care.

i. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. *a.* Level 1: Off 17 WO 3
EM 127 Aggr 147
b. Level 2: Off 17 WO 3
EM 112 Aggr 132
c. Level 3: Off 15 WO 3
EM 98 Aggr 116

Basis of allocation. One per support battalion, separate armored or infantry (mechanized) brigade (TOE 29-75); or support battalion, separate infantry brigade (TOE 29-135).

Category. II.

Mobility. Ten-percent mobile.

12-197G Admin Co, Sep Lt Inf Bde

Mission. *a.* To serve as a carrier unit that provides support for certain elements of the special staff.

b. To provide the necessary personnel and administrative support to sustain the brigade. This

includes the centralized personnel service for all units that are assigned to the brigade and a capability for replacement support.

c. To comprise the brigade rear echelon.

Assignment. Organic to support battalion, separate light infantry brigade (TOE 29-245).

Capabilities. *a.* At level 1, this unit provides—

(1) Logistic support, tactical security, and mess facilities for personnel assigned or attached to the company.

(2) Brigade-level personnel and administrative support for personnel assigned or attached to the brigade.

(3) Company-level personnel and administrative support for personnel assigned to the company.

(4) The capability to furnish counsel for general courts-martial and to furnish the accused requested representation in an Article 32 investigation.

(5) A replacement detachment with the capability to receive and control up to 100 individuals at any given time. This may be any combination of personnel arriving as replacements, returning from the hospital, or departing for rotation or other purposes.

(6) Organizational maintenance for organic vehicles.

b. At level 1, the finance section HQ, quality assurance section, disbursing division, pay division, postal division, personnel service division, personnel records branch, personnel management branch, and personnel actions branch are designed to support approximately 4,050 personnel.

c. At level 2, the company elements indicated in *b* above (minus finance section HQ) are designed to support approximately 3,650 troops.

d. At level 3, the company elements indicated in *b* above (minus finance section HQ) are designed to support approximately 3,250 troops.

e. This unit is not adaptable to a type B organization.

f. When the mission to be performed or the workload imposed on this unit exceeds the capabilities indicated above, the additional capabilities required must be provided from appropriate cellular teams of the 500- and 600-series TOE or by the establishment of an MTOE under the provisions of AR 310-31.

g. This unit depends on the support battalion, separate light infantry brigade, for communica-

tions and battalion-level motor maintenance and medical care.

h. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

- Strength.* a. Level 1: Off 10 WO 2
EM 99 Aggr 111
b. Level 2: Off 10 WO 2
EM 89 Aggr 101
c. Level 3: Off 8 WO 2
EM 79 Aggr 89

Basis of allocation. One per support battalion, separate light infantry brigade (TOE 29-245).

Category. II.

Mobility. Fixed.

12-500G (DPTOE) AG Svc Org

Mission. To provide additional personnel and administrative services to units in an operational theater when the capabilities of the supporting administration company, personnel service company, or personnel section are not sufficient and/or authorized by existing TOE. These services include awards and decorations processing, casualty reporting, special services, postal, redeployment, replacement, career counseling, and replacement training.

Assignment. a. As required.

b. Teams of this TOE normally are assigned to the AG section of an administration company, a personnel service company, or to the S1 of a separate unit.

Capabilities. a. At level 1, the capabilities of the units organized under this TOE will vary with the size and groupings of the teams used. Capabilities for each individual team are as indicated in the detailed breakdown of teams below.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. These teams must be furnished mess, administrative, personnel, and financial support. Teams without maintenance personnel that have vehicles require maintenance support. If the capabilities of the unit to which assigned are not adequate to provide this support, cellular teams from TOE 29-500 and TOE 29-600 series are organized.

d. When the mission to be performed or the workload imposed exceeds the capabilities listed above and in the detailed breakdown of teams below, MTOE or other cellular teams in the 500- and 600-series TOE must be provided.

e. Personnel of these teams must be para-

chute-qualified when a team is assigned to an airborne force, special action force, or joint unconventional warfare task force, when authorized by DA.

f. Individuals of these teams can engage in effective, coordinated defense of their area or installation.

Strength. See individual teams below for strengths.

Basis of allocation. Allocations of individual teams are as indicated in the detailed breakdown of teams below.

Category. The category of each team will depend on the category of the unit to which assigned.

Mobility. See individual teams below for mobility.

Remarks. DPTOE 12-500G forwarded to HQ, USACDC, 27 August 1968, for review.

Detailed Breakdown of Teams Awards and Decorations Teams Teams FA—FC

Team FA, awards and decorations

Capabilities. Administratively processes awards, decorations, and badges and is responsible for actions coincident with this processing.

- Strength.* a. Level 1: EM 2
b. Level 2: EM 2
c. Level 3: EM 1
d. Type B: EM 1

Basis of allocation. One per separate battalion; group; personnel service company, type A; or comparable-size unit.

Mobility. Fixed. When the unit displaces, general-purpose transportation is required for 1/4 ton of supplies and equipment and two personnel.

Team FB, awards and decorations

Capabilities. Administratively processes awards, decorations, and badges and is responsible for actions coincident with this processing.

- Strength.* a. Level 1: EM 5
b. Level 2: EM 4
c. Level 3: EM 4
d. Type B: EM 3

Basis of allocation. One per administration company, separate brigade; personnel service company, type B; or comparable-size unit.

Mobility. Fixed. When the unit displaces, general-purpose transportation is required for 1/2 ton of supplies and equipment and five personnel.

Team FC, awards and decorations

Capabilities. Administratively processes awards, decorations, and badges and is responsible for actions coincident with this processing.

Strength. a. Level 1: Off 1 EM 9
Aggr 10

b. Level 2: Off 1 EM 8
Aggr 9

c. Level 3: Off 1 EM 7
Aggr 8

d. Type B: Off 1 EM 4
Aggr 5

Basis of allocation. One per administration company, division; personnel service company, type C, D, or E; or comparable-size unit.

Mobility. Fixed. When the unit displaces, general-purpose transportation is required for 1 ton of supplies and equipment and 10 personnel.

Casualty Reporting Teams Teams GA—GC

Teams GA, casualty reporting

Capabilities. Performs administrative actions concerning reporting of casualties, including preparation of reports and maintenance of files coincident with this responsibility.

Strength. a. Levels 1 through 3: EM 2
b. Type B: EM 2

Basis of allocation. One per separate battalion; group; personnel service company, type A; or comparable-size unit.

Mobility. Fixed. When the unit displaces, general-purpose transportation is required for 1/4 ton of supplies and equipment and two personnel.

Team GB, casualty reporting

Capabilities. Performs administrative actions concerning reporting of casualties, including preparation of reports and maintenance of files coincident with this responsibility.

Strength. a. Level 1: EM 5
b. Level 2: EM 5
c. Level 3: EM 4
d. Type B: EM 5

Basis of allocation. One per administration company, separate brigade; personnel service company, type B; or comparable size-unit.

Mobility. Fixed. When the unit displaces, general-purpose transportation is required for 1/2 ton of supplies and equipment and five personnel.

Team GC, casualty reporting

Capabilities. Performs administrative actions concerning reporting of casualties, including preparation of reports and maintenance of files coincident with this responsibility.

Strength. a. Level 1: EM 10
b. Level 2: EM 9
c. Level 3: EM 8
d. Type B: EM 10

Basis of allocation. One per administration company, division; personnel service company, type C, D, or E; or comparable-size unit.

Mobility. Fixed. When the unit displaces, general-purpose transportation is required for 1 ton of supplies and equipment and 10 personnel.

Special Services Teams Teams HA—HC

Team HA, special services

Capabilities. Schedules and maintains recreational motion-picture films, operates a rest area for 50 troops, organizes athletic and recreational events, and coordinates the requisitioning and supply of special services items of equipment.

Strength. a. Level 1: EM 5
b. Level 2: EM 5
c. Level 3: EM 4
d. Type B: EM 1

Basis of allocation. One per separate battalion, group, or comparable-size unit.

Mobility. One hundred-percent mobile in organic vehicles when using two lifts in administrative movement. When the unit displaces in two lifts, additional general-purpose transportation is required for supplies and equipment and one personnel.

Team HB, special services

Capabilities. Schedules and maintains recreational motion-picture films, operates a rest area for 100 troops, organizes athletic and recreational events, and coordinates the requisitioning and supply of special services items of equipment.

Strength. a. Level 1: Off 1 EM 7
Aggr 8
b. Level 2: Off 1 EM 7
Aggr 8
c. Level 3: Off 1 EM 6
Aggr 7
d. Type B: Off 1 EM 3
Aggr 4

Basis of allocation. One per administration company, separate brigade; or comparable-size unit.

Mobility. One hundred-percent mobile in organic vehicles when using two lifts in administrative movement. When the unit displaces in two lifts, additional general-purpose transportation is

required for supplies and equipment and two personnel.

Team HC, special services

Capabilities. Schedules and maintains recreational motion-picture films, operates a rest area for 200 troops, organizes athletic and recreational events, and coordinates the requisitioning and supply of special services items of equipment.

- Strength.*
- a. Level 1: EM 15
 - b. Level 2: EM 14
 - c. Level 3: EM 13
 - d. Type B: EM 5

Basis of allocation. One per administration company, division; or comparable-size unit.

Mobility. One hundred-percent mobile in organic vehicles when using two lifts in administrative movement. When the unit displaces in two lifts, additional general-purpose transportation is required for supplies and equipment and nine personnel.

Postal Teams

Teams IA—IC

Team IA, postal

Capabilities. Provides postal service, including mail distribution, dispatch, and postal finance services, to individuals or units.

- Strength.*
- a. Levels 1 through 3: EM 2
 - b. Type B: EM 1

Basis of allocation. One per separate battalion, group, or comparable-size unit.

Mobility. Fixed. When the unit displaces, general-purpose transportation is required for 1/4 ton of supplies and equipment and two personnel.

Team IB, postal

Capabilities. Provides postal service, including mail distribution, dispatch, and postal finance services, to individuals or units.

- Strength.*
- a. Level 1: EM 7
 - b. Level 2: EM 6
 - c. Level 3: EM 6
 - d. Type B: EM 4

Basis of allocation. One per administration company, separate brigade; or comparable-size unit.

Mobility. Fixed. When the unit displaces, general-purpose transportation is required for 1/2 ton of supplies and equipment and seven personnel.

Team IC, postal

Capabilities. Provides postal service, includ-

ing mail distribution, dispatch, and postal finance services, to individuals or units.

- Strength.*
- a. Level 1: EM 22
 - b. Level 2: EM 21
 - c. Level 3: EM 19
 - d. Type B: EM 13

Basis of allocation. One per administration company, division; or comparable-size unit.

Mobility. One hundred-percent mobile in organic vehicles when using two lifts in administrative movement. When the unit displaces in two lifts, additional general-purpose transportation is required for supplies and equipment and 16 personnel.

Redeployment Teams

Teams JA and JB

Team JA, redeployment

Capabilities. Coordinates movement of individuals to transportation centers for onward movement on PCS; processes requests for visas, passports, delays en route, and travel of dependents; takes action to obtain assignment instructions or orders; and takes action to insure that administrative checks and qualifications have been accomplished, i.e., immunizations are up to date and examination for communicable diseases have been completed, if required.

- Strength.*
- a. Level 1: EM 4
 - b. Level 2: EM 4
 - c. Level 3: EM 3
 - d. Type B: EM 4

Basis of allocation. One per administration company, separate brigade; personnel service company, type A or B; or comparable-size unit.

Mobility. Fixed. When the unit displaces, general-purpose transportation is required for 1/4 ton of supplies and equipment and four personnel.

Team JB, redeployment

Capabilities. Coordinates movement of individuals to transportation centers for onward movement on PCS; processes requests for visas, passports, delays en route, and travel of dependents; takes action to obtain assignment instructions or orders; and takes action to insure that administrative checks and qualifications have been accomplished, i.e., immunizations are up to date and examination for communicable diseases have been completed, if required.

- Strength.*
- a. Level 1: EM 14
 - b. Level 2: EM 13
 - c. Level 3: EM 11
 - d. Type B: EM 14

Basis of allocation. One per administration company, division; personnel service company, type C, D, or E; or comparable-size unit.

Mobility. Fixed. When the unit displaces, general-purpose transportation is required for 1/2 ton of supplies and equipment and 14 personnel.

Replacement Teams Teams KA—KC

Team KA, replacement

Capabilities. Billets, controls, orients, and provides limited supply for replacements, rotatees, and return-to-duty and rest-and-recuperation personnel. Mess, as provided by this team, augments existing TOE mess to support replacements processed. Can handle 50 replacements daily.

Strength. a. Levels 1 through 3: EM 7
b. Type B: EM 2

Basis of allocation. One per separate battalion; group; personnel service company, type A; or comparable-size unit.

Mobility. One hundred-percent mobile in organic vehicles when using two lifts in administrative movement. When the unit displaces in two lifts, additional general-purpose transportation is required for supplies and equipment and one personnel.

Team KB, replacement

Capabilities. Billets, controls, orients, and provides limited supply for replacements, rotatees, and return-to-duty and rest-and-recuperation personnel. Mess, as provided by this team, augments existing TOE mess to support replacements processed. Can handle 100 replacements daily.

Strength. a. Level 1: Off 1 EM 18
Aggr 19
b. Level 2: Off 1 EM 17
Aggr 18
c. Level 3: Off 1 EM 16
Aggr 17
d. Type B: Off 1 EM 6
Aggr 7

Basis of allocation. One per administration company, separate brigade; personnel service company, type B; or comparable-size unit.

Mobility. One hundred-percent mobile in organic vehicles when using two lifts in administrative movement. When the unit displaces in two lifts, additional general-purpose transportation is required for supplies and equipment and 13 personnel.

Team KC, replacement

Capabilities. Billets, controls, orients, and provides limited supply for replacements, rotatees, and return-to-duty and rest-and-recuperation personnel. Mess, as provided by this team, augments existing TOE mess to support replacements processed. Can handle 300 replacements daily.

Strength. a. Level 1: Off 1 WO 1
EM 21 Aggr 23
b. Level 2: Off 1 WO 1
EM 19 Aggr 21
c. Level 3: Off 1 WO 1
EM 17 Aggr 19
d. Type B: Off 1 WO 1
EM 7 Aggr 9

Basis of allocation. One per administration company, division; personnel service company, type C, D, or E; or comparable-size unit.

Mobility. One hundred-percent mobile in organic vehicles when using two lifts in administrative movement. When the unit displaces in two lifts, additional general-purpose transportation is required for supplies and equipment and 11 personnel.

Career Counseling Teams Teams LA—LC

Team LA, career counseling

Capabilities. Advises superiors in matters relating to the reenlistment program; interviews eligible personnel and provides reenlistment counseling; provides information and assistance to subordinate units in regard to the latest interviewing and counseling methods together with proper display and use of promotional material; and instructs individuals who are designated as part-time or additional-duty-basis career counselors.

Strength. a. Levels 1 through 3: EM 1
b. Type B: EM 1

Basis of allocation. One per separate battalion group; personnel service company, type A; or comparable-size unit.

Mobility. Fixed. When the unit displaces, general-purpose transportation is required for 1/4 ton of supplies and equipment and one personnel.

Team LB, career counseling

Capabilities. Advises superiors in matters relating to the reenlistment program; interviews eligible personnel and provides reenlistment counseling; provides information and assistance to subordinate units in regard to the latest interviewing

and counseling methods together with proper display and use of promotional material; and instructs individuals who are designated as part-time or additional-duty-basis career counselors.

- Strength.* a. Level 1: Off 1 EM 3
Aggr 4
b. Level 2: Off 1 EM 3
Aggr 4
c. Level 3: Off 1 EM 2
Aggr 3
d. Type B: Off 1 EM 2
Aggr 3

Basis of allocation. One per administration company, separate brigade; personnel service company, type B; or comparable-size unit.

Mobility. Fixed. When the unit displaces, general-purpose transportation is required for 1/4 ton of supplies and equipment.

Team LC, career counseling

Capabilities. Advises superiors in matters relating to the reenlistment program; interviews eligible personnel and provides reenlistment counseling; provides information and assistance to subordinate units in regard to the latest interviewing and counseling methods together with proper display and use of promotional material; and instructs individuals who are designated as part-time or additional-duty-basis career counselors.

- Strength.* a. Level 1: Off 1 EM 17
Aggr 18
b. Level 2: Off 1 EM 16
Aggr 17
c. Level 3: Off 1 EM 14
Aggr 15
d. Type B: Off 1 EM 13
Aggr 14

Basis of allocation. One per administration company, division; personnel service company, type C, D, or E; or comparable-size unit.

Mobility. Fixed. When the unit displaces, general-purpose transportation is required for 1/2 ton of supplies and equipment.

Replacement Training Teams Teams MA—MC

Team MA, replacement training

Capabilities. Conducts combat training for newly assigned troops. Training may include, but is not limited to, an in-country briefing; familiarization of enemy capabilities and weaknesses; heli-borne operations; and a review of new doctrine, concepts, or landmine warfare.

- Strength.* a. Level 1: EM 6
b. Level 2: EM 6
c. Level 3: EM 5
d. Type B: EM 6

Basis of allocation. One per separate battalion; group; personnel service company, type A; or comparable-size unit.

Mobility. Fixed. When the unit displaces, general-purpose transportation is required for 1/4 ton of supplies and equipment and six personnel.

Team MB, replacement training

Capabilities. Conducts combat training for newly assigned troops. Training may include, but is not limited to, an in-country briefing; familiarization of enemy capabilities and weaknesses; heli-borne operations; and a review of new doctrine, concepts, or landmine warfare.

- Strength.* a. Level 1: EM 16
b. Level 2: EM 14
c. Level 3: EM 13
d. Type B: EM 16

Basis of allocation. One per administration company, separate brigade; personnel service company, type B; or comparable-size unit.

Mobility. Fixed. When the unit displaces, general-purpose transportation is required for 1/2 ton of supplies and equipment and 16 personnel.

Team MC, replacement training

Capabilities. Conducts combat training for newly assigned troops. Training may include, but is not limited to, an in-country briefing; familiarization of enemy capabilities and weaknesses; heli-borne operations; and a review of new doctrine, concepts, or landmine warfare.

- Strength.* a. Level 1: EM 34
b. Level 2: EM 31
c. Level 3: EM 27
d. Type B: EM 34

Basis of allocation. One per administration company, division; personnel service company, type C, D, or E; or comparable-size unit.

Mobility. Fixed. When the unit displaces, general-purpose transportation is required for 1/2 ton of supplies and equipment and 34 personnel.

12-510G DPU

Mission. To collect, audit, and maintain personnel, organizational, and equipment data from personnel sections, administrative centers, and units and to furnish timely administrative information, reports, statistics, programs, and records required by DA and local commands.

Assignment. To HQ of major commands, based on personnel strength and administrative workload. These units operate as the data processing division of the AG office of the HQ of a theater army, FASCOM, port of embarkation, or comparable command.

Capabilities. a. The personnel allowances and equipment allowances at level 1 staff and equip these data processing units with personnel and electrical accounting machines to provide the following capabilities:

(1) Type Y. Performs military manpower data services on a fixed basis for from 35,000 to 74,999 troops.

(2) Type Z. Performs military manpower data services on a fixed basis for from 75,000 to 124,999 troops.

(3) Equipment and personnel for two-shift operations, when required.

(4) When three or more data processing units, irrespective of type, are assigned to a command, team FD will be obtained from the composite service organization (TOE 29-500) to provide command and control for these data processing activities in a given area.

(5) When a type Z unit is assigned to a command HQ other than field army (e.g., HQ, COMMZ, independent corps, ports of embarkation, CONUS army areas, etc.), team FG will be obtained from TOE 29-500 to serve as command HQ.

b. These units are designed for level 1 only. The data processing services are provided on a fixed basis for the number of troops supported; therefore, the type of unit required depends on the number of troops to be supported.

c. This unit is not adaptable to a type B organization.

d. This unit depends on other units for mess and additional supply and administrative support.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area of installation.

Strength. a. Type Y: Off 2 WO 1
EM 56 Aggr 59

b. Type Z: Off 2 WO 1
EM 76 Aggr 79

Basis of allocation. a. Type Y. One for up to 74,999 troops.

b. Type Z. One for from 75,000 to 124,999 troops.

Category. The category of each data processing unit depends on the fixed-strength unit to which assigned or other varying conditions under which these data processing units may operate.

Mobility. Fixed. When employment of a data processing unit in a command requires mobility, team FE for a type Y unit and team FF for a type Z unit will be obtained from TOE 29-500. All electrical accounting equipment will be mounted in expansible-type vans, and the unit will be 25-percent mobile.

12-520G BPO

Mission. To provide for the receipt, separation, distribution, routing, and dispatch of mails to and from organizations and activities in a designated area of command.

Assignment. Assigned to COMMZ HQ, theaters of operations HQ, or major subordinate command HQ.

Capabilities. a. At level 1, these units provide each type of base post office the capability to receive, separate, distribute, route, and dispatch mails to and from organizations and activities for a specified number of troops in the COMMZ or theater of operations as follows: type A, under 30,000 men; type B, from 30,000 to 45,000 men; type C, from 45,000 to 65,000 men; type D, from 65,000 to 90,000 men; type E, from 90,000 to 120,000 men; and type F, from 120,000 to 165,000 men.

b. These units are designed for level 1 only; therefore, the type of unit required will depend on the number of troops to be supported.

c. The capabilities of a type B organization are the same as those of a level 1 organization.

d. DA civilian employees, when authorized in the area of assignment, may be used to fill positions other than those requiring designation as a military postal clerk (AR 65-1).

e. The total number of non-U.S. personnel that may be used in a particular Army base post office must be determined by the major commander to which the units are assigned. When authorized by DA, non-U.S. personnel may be substituted for undesignated assistant postal clerk positions in numbers equal to those authorized for military personnel at type B strength or 50 percent of the positions authorized for military personnel at level 1 strength.

f. These units are not self-sufficient and will be attached to other units for personnel, administration, mess, billeting, and transportation support.

When required to increase operational capabilities, appropriate mess teams will be provided from the composite service organization (TOE 29-500). In those units authorized a personnel specialist, this position normally will function with the unit providing personnel support.

g. Arms and individual equipment are authorized for U.S. military personnel only. When DA civilian employees and/or non-U.S. personnel are used and armed guards are required, they will be furnished by the unit to which the base post offices are assigned.

h. Military individuals of these organizations can engage in effective, coordinated defense of the unit's area or installation.

Strength. *a.* Type A:

(1) Level 1: Off 4 EM 43
Aggr 47

(2) Type B: Off 4 EM 25
Aggr 29

b. Type B:

(1) Level 1: Off 5 EM 61
Aggr 66

(2) Type B: Off 5 EM 39
Aggr 44

c. Type C:

(1) Level 1: Off 6 EM 83
Aggr 89

(2) Type B: Off 6 EM 54
Aggr 60

d. Type D:

(1) Level 1: Off 7 EM 110
Aggr 117

(2) Type B: Off 7 EM 74
Aggr 81

e. Type E:

(1) Level 1: Off 9 EM 141
Aggr 150

(2) Type B: Off 9 EM 93
Aggr 102

f. Type F:

(1) Level 1: Off 11 EM 186
Aggr 197

(2) Type B: Off 11 EM 127
Aggr 138

Basis of allocation

Type	Maximum personnel served
A -----	30,000
B -----	45,000
C -----	65,000
D -----	90,000
E -----	120,000
F -----	165,000

Category. III.

Mobility. Fixed.

12-550G (DPTOE) Pstl Svc Org

Mission. To provide in a theater of operations general support postal service to all individuals and units and direct support postal service to non-divisional individuals and units.

Assignment. Teams may be attached or assigned, as required, to provide direct support or general support postal services based on troop strength in an area.

Capabilities. *a.* The capabilities of units organized under this TOE will vary with the size and groupings of the teams used. Capabilities of each individual team are as indicated in the detailed breakdown of teams below.

b. These units are not adaptable to levels 2 and 3.

c. The capabilities of a type B organization are the same as those of a level 1 organization.

d. DA civilians may be substituted for U.S. military personnel, as indicated below.

(1) DA civilian employees may be used to fill certain skilled postal positions except in units assigned to a FASCOM.

(2) The total number of DA civilian employees that may be used must be determined by the major commander to which the unit is assigned, subject to the following criteria:

(*a*) DA civilian employees will not replace U.S. military personnel in units assigned to FASCOM.

(*b*) The military personnel retained in these units will be equivalent in number to twice the total cadre strength for these particular units.

e. These units depend on—

(1) A personnel service company for personnel administrative support.

(2) A finance service organization for pay.

(3) Other units for mess and organizational maintenance of wheeled vehicles.

f. Arms and individual equipment are authorized for U.S. military personnel only. When DA civilian employees or non-U.S. personnel are used, mail guards are furnished.

g. Military personnel of the unit can engage in effective, coordinated defense of the unit's area or installation.

Strength. See individual teams below for strengths.

Basis of allocation. As required based on troop strength and services to be provided. Allocations of individual teams are as indicated in the detailed breakdown of teams below.

Category. The category of each type of unit will depend on the location of the unit when deployed.

Mobility. See individual teams below for mobility.

Remarks. DPTOE 12-550G forwarded to HQ, USACDC, in November 1967 for review.

Detailed Breakdown of Teams

Part 1—Headquarters Teams

Teams AA—AC

Team AA, APO headquarters (5,000)

Capabilities. Provides command and control for one mail processing team FA or FB, one postal finance team HA, one or two postal finance teams HB, one postal finance team HC, and one locator team JA (team JA is used only when the personnel and administration center is not operational).

Strength. a. Level 1: Off 1 EM 3

Aggr 4

b. Type B: Off 1 EM 2

Aggr 3

Basis of allocation. As required to support 5,000 troops.

Mobility. Fifty-percent mobile.

Team AB, APO headquarters (15,000)

Capabilities. Provides command and control for one mail processing team FA and FB or one team FC, one postal finance team HA, from three to six postal finance teams HB or one team HC, and one locator team JA in support of 15,000 troops (team JA is used only when the personnel and administration center is not operational).

Strength. a. Level 1: Off 2 EM 6

Aggr 8

b. Type B: Off 2 EM 3

Aggr 5

Basis of allocation. To personnel and administration battalion, corps or army support brigade; to area support group of the ASCOM; or as required in support of 15,000 troops.

Mobility. Forty-three-percent mobile.

Team AC, postal service organization headquarters

Capabilities. Provides command and control for mail processing team GA, GB, GC, or GD; postal finance and supply team IA, IB, IC, or ID;

locator team JB, JC, JD, or JE in support of not more than 600,000 troops.

Strength. a. Level 1: Off 2 EM 5

Aggr 7

b. Type B: Off 2 EM 4

Aggr 6

Basis of allocation. One per theater army.

Mobility. Thirty-five-percent mobile.

Part 2—Mail Processing Teams, Direct Support Teams FA—FC

Team FA, mail processing (5,000)

Capabilities. Provides direct postal services, including receipt, distribution, sorting, claims assistance, information, routing, and dispatch of mails, to units served.

Strength. a. Level 1: EM 6

b. Type B: EM 2

Basis of allocation. One per 5,000 troops served.

Mobility. Fifty-percent mobile.

Team FB, mail processing (10,000)

Capabilities. Provides direct postal services, including receipt, distribution, sorting, claims assistance, information, routing, and dispatch of mails, to units served.

Strength. a. Level 1: EM 13

b. Type B: EM 5

Basis of allocation. One per 10,000 troops served.

Mobility. Twenty-percent mobile.

Team FC, mail processing (15,000)

Capabilities. Provides direct postal services, including receipt, distribution, sorting, claims assistance, information, routing, and dispatch of mails, to units served.

Strength. a. Level 1: EM 19

b. Type B: EM 4

Basis of allocation. One per 15,000 troops served.

Mobility. Ten-percent mobile.

Part 3—Mail Processing Teams, General Support Teams GA—GD

Teams GA, mail processing (50,000)

Capabilities. Provides general postal services, including receipt of mail from CONUS, preparation of mail for APO, and receipt of mail from APO and forwarding to CONUS or other APO.

Strength. a. Level 1: Off 1 EM 14

Aggr 15

b. Type B: Off 1 EM 4

Aggr 5

Basis of allocation. One per 50,000 troops.

Mobility. Thirty-percent mobile.

Team GB, mail processing (100,000)

Capabilities. Provides general postal services, including receipt of mail from CONUS, preparation of mail for APO, and receipt of mail from APO and forwarding to CONUS or other APO.

Strength. a. Level 1: Off 1 EM 28

Aggr 29

b. Type B: Off 1 EM 6

Aggr 7

Basis of allocation. One per 100,000 troops.

Mobility. Fifty-percent mobile.

Team GC, mail processing (200,000)

Capabilities. Provides general postal services, including receipt of mail from CONUS, preparation of mail for APO, and receipt of mail from APO and forwarding to CONUS or other APO.

Strength. a. Level 1: Off 1 EM 52

Aggr 53

b. Type B: Off 1 EM 30

Aggr 12

Basis of allocation. One per 200,000 troops.

Mobility. Twenty-percent mobile.

Team GD, mail processing (600,000)

Capabilities. Provides general postal services, including receipt of mail from CONUS, preparation of mail for APO, and receipt of mail from APO and forwarding to CONUS or other APO.

Strength. a. Level 1: Off 2 EM 138

Aggr 140

b. Type B: Off 2 EM 30

Aggr 32

Basis of allocation. One per 600,000 troops.

Mobility. Thirty-percent mobile.

Part 4—Postal Finance Teams, Direct Support Teams HA—HC

Team HA, postal finance (1,500)

Capabilities. Issues and cashes postal money orders, sells postage stamps and stamped paper, accepts accountable mail, and furnishes postal information to individuals.

Strength. EM 1

Basis of allocation. One per 1,500 troops supported.

Mobility. Fixed.

Team HB, postal finance (3,000)

Capabilities. Issues and cashes postal money orders, sells postage stamps and stamped paper, accepts accountable mail, and furnishes postal information to individuals.

Strength. EM 2

Basis of allocation. One per 3,000 troops supported.

Mobility. One hundred-percent mobile.

Team HC, postal finance (15,000)

Capabilities. Issues and cashes postal money orders, sells postage stamps and stamped paper, accepts accountable mail, and furnishes postal information to individuals.

Strength. a. Level 1: EM 11

b. Type B: EM 11

Basis of allocation. One per 15,000 troops supported.

Mobility. Thirty-percent mobile.

Part 5—Postal Finance and Supply Teams, General Support Teams IA—ID

Team IA, postal finance and supply (50,000)

Capabilities. Provides depot storage and bulk issue of stamps, money orders, and other postal accountable funds and equipment.

Strength. a. Level 1: Off 1 EM 4

Aggr 5

b. Type B: Off 1 EM 4

Aggr 5

Basis of allocation. One per 50,000 troops supported.

Mobility. Fixed.

Team IB, postal finance and supply (100,000)

Capabilities. Provides depot storage and bulk issue of stamps, money orders, and other postal accountable funds and equipment.

Strength. a. Level 1: Off 1 EM 8

Aggr 9

b. Type B: Off 1 EM 5

Aggr 6

Basis of allocation. One per 100,000 troops supported.

Mobility. Twenty-percent mobile.

Team IC, postal finance and supply (200,000)

Capabilities. Provides depot storage and bulk issue of stamps, money orders, and other postal accountable funds and equipment.

Strength. a. Level 1: Off 1 EM 14

Aggr 15

b. Type B: Off 1 EM 8

Aggr 9

Basis of allocation. One per 200,000 troops supported.

Mobility. Twenty-five-percent mobile.

Team ID, postal finance and supply (600,000)

Capabilities. Provides depot storage and bulk issue of stamps, money orders, and other postal accountable funds and equipment.

Strength. a. Level 1: Off 2 EM 48
Aggr 50
b. Type B: Off 2 EM 25
Aggr 27

Basis of allocation. One per 600,000 troops supported.

Mobility. Ten-percent mobile.

Part 6—Locator Teams Teams JA—JE

Teams JA, locator (15,000)

Capabilities. Provides locator support to expedite movement of undeliverable mail to individuals and units.

Strength. a. Level 1: EM 1
b. Type B: EM 1

Basis of allocation. One per 15,000 troops supported.

Mobility. Fixed.

Team JB, locator (50,000)

Capabilities. Provides locator support to expedite movement of undeliverable mail to individuals and units.

Strength. a. Level 1: EM 4
b. Type B: EM 1

Basis of allocation. One per 50,000 troops supported.

Mobility. Fixed.

Team JC, locator (100,000)

Capabilities. Provides locator support to expedite movement of undeliverable mail to individuals and units.

Strength. a. Level 1: EM 9
b. Type B: EM 2

Basis of allocation. One per 100,000 troops supported.

Mobility. Fixed.

Team JD, locator (200,000)

Capabilities. Provides locator support to expedite movement of undeliverable mail to individuals and units.

Strength. a. Level 1: Off 1 EM 17
Aggr 18
b. Type B: Off 1 EM 3
Aggr 4

Basis of allocation. One per 200,000 troops supported.

Mobility. Fixed.

Team JE, locator (600,000)

Capabilities. Provides locator support to expedite movement of undeliverable mail to individuals and units.

Strength. a. Level 1: Off 1 EM 45
Aggr 46
b. Type B: Off 1 EM 15
Aggr 16

Basis of allocation. One per 600,000 troops supported.

Mobility. Fixed.

12-560G (PTOE) Repl Reg Org

Mission. To provide command, control, mess, encampment, limited equipment supply, and personnel accounting for—

- a. Individual and unit replacements.
- b. Return-to-duty personnel.
- c. Rotatees.

d. Transient troop units and transient personnel.

e. Personnel returning from and going to rest and recuperation centers.

Assignment. Teams may be attached or assigned, as required, to provide replacement functions based on troop strength in an area of operations.

Capabilities. a. The capabilities of units organized under this TOE will vary with the size and groupings of the teams employed. Capabilities of each individual team are as indicated in the detailed breakdown of teams below.

b. This unit is not adaptable to a type B organization or to levels 2 and 3.

c. These units depend on other units for personnel, administrative, medical, communication, and organizational-level vehicle maintenance support.

d. When the mission to be performed or the workload imposed exceeds the capabilities above and in the detailed breakdown of teams below, the additional capabilities required must be provided by the establishment of an MTOE under the provisions of AR 310-31.

e. Individuals of this organization can engage in effective, coordinated defense of their area or installation.

Basis of allocation. Allocations for individual teams are as indicated in the detailed breakdown of teams below.

Strength. See individual teams below for strengths.

Category. a. Team AD is a category III unit.

b. Categories for other elements of this organization will be determined when deployed.

Mobility. See individual teams below for mobility.

Remarks. PTOE 12-560G forwarded to ACSFOR, DA, 17 May 1968, for approval and publication.

Detailed Breakdown of Teams

Part 1—Headquarters Teams

Teams AA—AD

Team AA, detachment headquarters (200)

Capabilities. Provides command, control, unit-level personnel and administrative support, and supervision for one mess team CA, one or two replacement control teams FA, and one replacement operations team GA processing 200 personnel daily.

Strength. Off 1 EM 4 Aggr 5

Basis of allocation. One per replacement regulating detachment supporting 200 replacements daily.

Mobility. Sixty-percent mobile.

Team AB, detachment headquarters (400)

Capabilities. Provides command, control, unit-level personnel and administrative support, and supervision for one mess team CB, three or four replacement control teams FA, and one replacement operations team GB processing 400 personnel at any given time. For short periods, can command and control two teams CB, up to eight teams FA, and two teams GB in support of 800 personnel.

Strength. Off 1 EM 9 Aggr 10

Basis of allocation. One per replacement regulating detachment.

Mobility. Sixty-percent mobile.

Team AC, detachment control headquarters

Capabilities. Provides command and control for from two to four replacement regulating detachments.

Strength. Off 1 EM 3 Aggr 4

Basis of allocation. One per two to four replacement regulating detachments or at a major airhead or transportation center regulating 1,600 replacements daily.

Mobility. Fifty-percent mobile.

Team AD, replacement regulating technical staff

Capabilities. Provides technical supervision and coordination of the theater army replacement regulating program.

Strength. Off 2 EM 5 Aggr 7

Basis of allocation. One per PERSCOM, TASCOM.

Mobility. Sixty-percent mobile.

Part 2—Mess Teams

Teams CA and CB

Team CA, mess (200)

Capabilities. Provides mess support on a 24-hour basis for 200 replacements and/or rotatees.

Strength. EM 8

Basis of allocation. One per replacement regulating detachment supporting 200 replacements or rotatees daily.

Mobility. Fifty-percent mobile.

Team CB, mess (400)

Capabilities. Provides mess support on a 24-hour basis for 400 replacements and/or rotatees.

Strength. EM 12

Basis of allocation. One per replacement regulating detachment supporting 400 replacements or rotatees daily.

Mobility. Thirty-percent mobile.

Part 3—Replacement Control Team

Team FA, replacement control

Capabilities. Commands and controls 100 individual replacements or rotatees or one company-size unit; arranges for mess and billeting.

Strength. Off 1 EM 2 Aggr 3

Basis of allocation. One to four teams per replacement regulating detachment.

Mobility. Eighty-percent mobile.

Part 4—Replacement Operations Teams

Teams GA and GB

Team GA, replacement operations (200)

Capabilities. Coordinates the movement of replacements or rotatees to assigned unit.

Strength. EM 4

Basis of allocation. One per replacement regulating detachment in support of 200 replacements or rotatees daily.

Mobility. Fixed.

Team GB, replacement operations (400)

Capabilities. Coordinates the movement of replacements or rotatees to assigned unit.

Strength. EM 6

Basis of allocation. One per replacement regulating detachment in support of 400 replacements or rotatees daily.

Mobility. Thirty-percent mobile.

12-570G (PTOE) Admin Svc Det Admin Svc Co

Mission. a. To provide centralized administrative service support consisting of reproduction

and unclassified records library services for all units supported in the army or corps support brigade of the FASCOM (type A).

b. To provide centralized administrative service support consisting of reproduction and unclassified records library services for all units supported in the ASCOM of TASCOM (type B).

Assignment. a. Type A. To personnel and administration battalion of the army or corps support brigade of the FASCOM.

b. Type B. To personnel and administration battalion of the ASCOM of the TASCOM.

Capabilities. a. Installs, operates, and maintains a reproduction facility to provide volume reproduction services to units serviced when the page quantity required by a serviced unit exceeds the capability of reproduction equipment or personnel in the requesting unit. Reproduction services include duplicating, collating, binding, packaging, and bulk delivery to local units.

b. Installs, operates, and maintains an unclassified library to provide a single, centralized source of publications and file records storage and retrieval for use by serviced units. All applicable DOD, DA, theater army, and other major HQ unclassified documents distributed to units are maintained in the library.

c. Coordinates with HQ, commands, and units of all supported elements concerning reproduction and library services.

d. This unit depends on a computer facility for direct computer support and requires access to a personnel service center of a corps or army support brigade or the personnel and administration center of the PERSCOM.

e. This unit depends on—

(1) Other units for personnel, administration, supply, medical, chaplain, and mess support.

(2) A signal operations company for signal support.

f. The type A unit requires organizational-level maintenance support.

g. The capabilities of a type B organization are the same as those of a level 1 organization.

h. When the mission to be performed or the workload imposed exceeds the capabilities above, the additional capabilities required must be provided from appropriate cellular teams of the 500- and 600-series TOE or by establishment of an MTOE under the provisions of AR 310-31.

i. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Type A:

(1) Level 1: Off 3 WO 1

EM 39 Aggr 43

(2) Level 2: Off 3 WO 1

EM 36 Aggr 40

(3) Level 3: Off 3 WO 1

EM 33 Aggr 37

(4) Type B: Off 3 WO 1

EM 14 Aggr 18

b. Type B:

(1) Level 1: Off 5 WO 1

EM 78 Aggr 84

(2) Level 2: Off 5 WO 1

EM 72 Aggr 78

(3) Level 3: Off 5 WO 1

EM 61 Aggr 67

(4) Type B: Off 5 WO 1

EM 17 Aggr 23

Basis of allocation. a. Type A. Normally one per personnel and administration battalion (TOE 12-66) in the FASCOM.

b. Type B. Normally one per personnel and administration battalion (TOE 12-66) of the ASCOM, TASCOM.

Category. a. Type A: II.

b. Type B: III.

Mobility. a. Type A: 30-percent mobile.

b. Type B: 20-percent mobile.

Remarks. PTOE 12-570G forwarded to ACSFOR, DA, 3 May 1968, for approval and publication.

12-580G (PTOE) Band Org

Mission. To provide cellular groups in support of Army special bands (TOE 12-32) (Army band, Army Field Band, and the United States Military Academy Band).

Assignment. Groups may be assigned or attached to any of the special bands or may be employed separately for appropriate functions, as directed by DA.

Capabilities. a. Appropriate section or sections or group or groups may be added to any of the Army special bands (TOE 12-32) from the groups indicated below.

(1) The ceremonial group to provide prescribed music for ceremonial funerals at Arlington National Cemetery.

(2) The orchestra group to provide an orchestra for appearances in and around the Military District of Washington, as directed by the Secretary of Defense.

(3) The choral group to provide a chorus for nationwide appearances of the Army Field Band.

(4) The field music group to provide ceremonial and marching music for the United States Military Academy concurrent with, and in addition to, that provided by the United States Military Academy Band. The string section of this group provides for use of the band in nationwide radio and television presentations and receptions, as directed by the Secretary of Defense, and proper instrumentation for dance orchestras.

(5) The public relations and administrative section to provide the required publicity and coordination for the concert tour mission and to insure maintenance of personnel records and logistic support of the organization.

(6) The transportation section to operate and maintain the vehicular transportation required in the band mission.

b. This unit is not adaptable to levels 2 and 3.

c. This unit is not adaptable to a type B organization.

d. This unit depends on the HQ to which attached for mess and other service functions not herein provided. If separate mess facilities are to be provided, appropriate mess teams are selected from TOE 29-500.

<i>Strength.</i>	a. Ceremonial group:	EM 42
	b. Orchestra group:	EM 22
	c. Choral group:	EM 22
	d. Field music group:	EM 55
	e. Public relations and administrative section:	EM 3
	f. Transportation section:	EM 12

Basis of allocation. These groups are allocated to the Army special bands, as required and as directed by DA.

Category. III.

Mobility. Fixed.

Remarks. PTOE 12-580G forwarded to ACSFOR, DA, 27 May 1968, for approval and publication.

12-605G APU, Gen Asg

Mission. To provide complete postal service (mail distribution and dispatch, money order, postage stamp, and accountable mail services) and to perform APO directory service for individuals, organizations, and activities that the unit serves.

Assignment. To FASCOM, TASCOT, or similar types of HQ.

Capabilities. a. At level 1, these units can normally serve a specified number of troops as follows: type P, under 2,000; type R, from 2,000 to 3,000; type S, from 3,000 to 4,500; type T, from 4,500 to 6,000; type U, from 6,000 to 7,500; type V, from 7,500 to 10,000; type W, from 10,000 to 13,000; type X, from 13,000 to 15,000; type Y, from 15,000 to 20,000; and type Z, from 20,000 to 25,000.

b. These units are designed for level 1 only; therefore, the type of unit required will depend on the number of troops to be supported.

c. The capabilities of a type B organization are the same as those of a level 1 organization.

d. DA civilian employees, when authorized in the area of assignment, may be used to fill positions other than those requiring designation as a military postal clerk (AR 65-1).

e. The total number of non-U.S. personnel that may be used in a particular Army postal unit must be determined by the major commander to which the units are assigned. When authorized by DA, non-U.S. personnel may be substituted for undesignated assistant postal clerk positions in numbers equal to those authorized for military personnel at type B strength or 50 percent of the positions authorized for military personnel at level 1 strength.

f. These units are not self-sufficient and will be attached to other units for personnel, administration, mess, supply, maintenance, religious services, and medical care. When required to increase operational capabilities, appropriate mess teams are provided by the composite service organization (TOE 29-500).

g. Arms and individual equipment are authorized for U.S. military personnel only. When DA civilian employees and/or non-U.S. personnel are used and armed guards are required, they will be furnished by the unit to which the Army postal unit is assigned.

h. Military individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Type P:

(1) Level 1: Off 1 EM 5
Aggr 6

(2) Type B: Off 1 EM 5
Aggr 6

b. Type R:

(1) Level 1: Off 1 EM 6
Aggr 7

(2) Type B: Off 1 EM 6
Aggr 7

- c. Type S:
 (1) Level 1: Off 1 EM 8
 Aggr 9
 (2) Type B: Off 1 EM 8
 Aggr 9
- d. Type T:
 (1) Level 1: Off 1 EM 10
 Aggr 11
 (2) Type B: Off 1 EM 9
 Aggr 10
- e. Type U:
 (1) Level 1: Off 1 EM 12
 Aggr 13
 (2) Type B: Off 1 EM 11
 Aggr 12
- f. Type V:
 (1) Level 1: Off 1 EM 15
 Aggr 16
 (2) Type B: Off 1 EM 14
 Aggr 15
- g. Type W:
 (1) Level 1: Off 2 EM 18
 Aggr 20
 (2) Type B: Off 2 EM 17
 Aggr 19
- h. Type X:
 (1) Level 1: Off 2 EM 20

- Aggr 22
 (2) Type B: Off 2 EM 18
 Aggr 20
- i. Type Y:
 (1) Level 1: Off 2 EM 27
 Aggr 29
 (2) Type B: Off 2 EM 25
 Aggr 27
- j. Type Z:
 (1) Level 1: Off 2 EM 33
 Aggr 35
 (2) Type B: Off 2 EM 31
 Aggr 33

Basis of allocation.

<i>Type</i>	<i>Maximum personnel served</i>
P -----	2,000
R -----	3,000
S -----	4,500
T -----	6,000
U -----	7,500
V -----	10,000
W -----	13,000
X -----	15,000
Y -----	20,000
Z -----	25,000

Category. III.*Mobility.* Sixty-percent mobile.



CHAPTER 11

FINANCE UNITS

14-4G Fin GS Gp

Mission. To serve as the central finance and accounts office in providing finance general support service to finance units within theater army.

Assignment. To PERSCOM, TASCOM.

Capabilities. *a.* At level 1, this unit provides finance general support to a theater army with a strength of approximately 600,000 personnel. Finance general support services include funding, accounting, disbursing, collections, commercial accounts, reporting, processing disbursing officers' accounts, and providing other finance general support, as required.

b. At level 2, this capability is reduced to 540,000 personnel and at level 3 to 480,000 personnel.

c. This unit performs organizational maintenance on organic equipment.

d. This unit is not adaptable to a type B organization.

e. This unit does not have organic vehicles to move itself when locating or relocating.

f. This unit depends on—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) An area transportation unit for supplemental transportation.

(3) The signal unit supporting the PERSCOM for communication services.

g. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. *a.* Level 1: Off 19 EM 288
Aggr 307

b. Level 2: Off 19 EM 255
Aggr 274

c. Level 3: Off 18 EM 226
Aggr 244

Basis of allocation. One per theater army.

Category. III.

Mobility. Ten-percent mobile in organic transportation.

14-17G Fin DS Co

Mission. To provide finance direct support service on an area or population basis to nondivisional elements and other personnel.

Assignment. To FASCOM and area support group; normally attached to HHD, administration battalion (TOE 12-66).

Capabilities. *a.* At level 1, this unit—

(1) Provides nonintegrated finance direct support services to 15,000 personnel on an area or population basis.

(2) Performs organizational maintenance on organic vehicles.

b. At levels 2 and 3, the capabilities of this unit are reduced to 13,500 and 12,000 personnel respectively.

c. This unit is not adaptable to a type B organization.

d. This unit does not have organic vehicles to move itself when locating or relocating.

e. This unit depends on—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) Area transportation units for supplemental transportation.

f. Two forward service teams may be organized to provide mobile onsite finance service to organizational elements located at varying distances from the finance direct support company, as directed by the commander.

g. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. *a.* Off 4 WO 2 EM 109
Aggr 115

b. Off 4 WO 2 EM 97
Aggr 103

c. Off 4 WO 2 EM 86
Aggr 92

Basis of allocation. One per 15,000 troops supported.

Category. III.

Mobility. Ten-percent mobile in organic transportation.

14-500G Fin Svc Org

Mission. To provide finance services of all types for commands and troops in the field.

a. Finance sections. To compute and disburse pay and allowances of U.S. indigenous and prisoner of war personnel; to provide a U.S. Treasury outlet for official receipts and payments; to render prescribed Treasury Department, General Accounting Office, and Army Command reports; to pay commercial bills; and to perform area funding operations, when assigned.

b. Finance and accounting sections. To compute and disburse pay and allowances of U.S. indigenous and prisoner of war personnel; to provide U.S. Treasury outlet for official receipts and payments; to render prescribed Treasury Department, General Accounting Office, and Army command reports; to pay commercial bills; to process claims and reimbursements under international and cross-Service agreements; to perform integrated accounting, including cost, stock fund, and financial inventory accounting; and to perform area funding operations and summary regional accounts office operations, when assigned.

c. Central funding sections. To perform major command funding operations to include procurement, storage, distribution, and destruction of U.S. and foreign currencies and military payment certificates.

d. Regional accounts sections. To perform major command summarization and reporting of appropriation and expenditure data; to perform administrative examination of disbursing officer money accounts.

Assignment. *a.* Finance sections. Normally to field army, corps, or task force in support of non-divisional elements of the command.

b. Finance and accounting sections. Normally to theater army, COMMZ, and LOGCOMD's.

c. Central funding sections and regional accounts sections. Normally to theater army; may be assigned to major subordinate commands when distances and workloads so dictate.

Capabilities. *a.* The capabilities of teams organized under this TOE will vary with the size and groupings of the teams used. Capabilities for each individual team are as indicated in the detailed breakdown of teams below.

b. These units are designed for level 1 only.

c. This unit is not adaptable to a type B organization.

d. These units will be attached to or depend on—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) Area transportation units for supplemental transportation.

(3) The unit to which attached for organizational maintenance of vehicles.

(4) Appropriate teams from TOE 29-500 when a finance section is authorized to mess separately.

e. For mobilization planning purposes, teams AG, FJ, and HB are considered as the "standard" finance and disbursing section; teams AI, FJ, GI, HF, and IA, the "standard" finance and accounting section.

f. Individuals of this organization can engage in effective, coordinated defense of their area or installation.

Strength. See individual teams below for strengths.

Basis of allocation. One standard finance and disbursing section or standard finance and accounting section per 15,000 nondivisional troops. Allocations for individual teams used in other combinations of teams and/or composite units are as indicated in the detailed breakdown of teams below.

Category. III.

Mobility. The degree of mobility must be computed for each specific combination of teams used.

Detailed Breakdown of Teams

Headquarters Teams

Teams AA—AI

Team AA, headquarters

Capabilities. Provides administrative control for one or more teams.

Strength. Off 1 EM 2 Aggr 3

Basis of allocation. One per finance service organization operating independently as a class B agent finance office or central funding section where the aggregate strength of other teams is 15 or less.

Team AB, headquarters

Capabilities. Provides administrative control for one or more teams.

Strength. Off 2 EM 4 Aggr 6

Basis of allocation. One per finance service organization operating independently where the ag-

gregate strength of other teams and augmentations is 16 to 25.

Team AC, headquarters

Capabilities. Provides administrative control for one or more teams.

Strength. Off 2 EM 4 Aggr 6

Basis of allocation. One per finance service organization where the aggregate strength of other teams and augmentations is 26 to 35.

Team AD, headquarters

Capabilities. Provides administrative control for one or more teams.

Strength. Off 2 EM 4 Aggr 6

Basis of allocation. One per finance service organization where the aggregate strength of other teams and augmentations is 36 to 55.

Team AE, headquarters

Capabilities. Provides administrative control for one or more teams.

Strength. Off 2 EM 6 Aggr 8

Basis of allocation. One per finance service organization where the aggregate strength of other teams and augmentations is 56 to 75.

Team AF, headquarters

Capabilities. Provides administrative control for one or more teams.

Strength. Off 2 EM 7 Aggr 9

Basis of allocation. One per finance service organization where the aggregate strength of other teams and augmentations is 76 to 95.

Team AG, headquarters

Capabilities. Provides administrative control for one or more teams.

Strength. Off 2 EM 7 Aggr 9

Basis of allocation. One per finance service organization where the aggregate strength of other teams and augmentations is 96 to 115.

Team AH, headquarters

Capabilities. Provides administrative control for one or more teams.

Strength. Off 3 EM 8 Aggr 11

Basis of allocation. One per finance service organization where the aggregate strength of other teams and augmentations is 116 to 135.

Team AI, headquarters

Capabilities. Provides administrative control for one or more teams.

Strength. Off 3 EM 9 Aggr 12

Basis of allocation. One per finance service organization where the aggregate strength of other teams and augmentations is 136 or more.

**Quality Assurance, Disbursing and Pay Teams
Teams FA—FL**

Team FA, quality assurance, disbursing and pay

Capabilities. Provides pay, travel, and related finance services for populations averaging 1,500 persons per month. The quality assurance section is under the direct supervision of the finance officer.

Strength. WO 1 EM 12 Aggr 13

Basis of allocation. One per finance service organization charged with this responsibility.

Team FB, quality assurance, disbursing and pay

Capabilities. Provides pay, travel, and related finance services for populations averaging 2,000 persons per month. The quality assurance section is under the direct supervision of the finance officer.

Strength. WO 1 EM 15 Aggr 16

Basis of allocation. One per finance service organization charged with this responsibility.

Team FC, quality assurance, disbursing and pay

Capabilities. Provides pay, travel, and related finance services for populations averaging 2,500 persons per month. The quality assurance section is under the direct supervision of the finance officer.

Strength. WO 1 EM 19 Aggr 20

Basis of allocation. One per finance service organization charged with this responsibility.

Team FD, quality assurance, disbursing and pay

Capabilities. Provides pay, travel, and related finance services for populations averaging 4,000 persons per month. The quality assurance section is under the direct supervision of the finance officer.

Strength. Off 1 WO 1 EM 27 Aggr 29

Basis of allocation. One per finance service organization charged with this responsibility.

Team FE, quality assurance, disbursing and pay

Capabilities. Provides pay, travel, and related finance services for populations averaging 5,000 persons per month. The quality assurance section is under the direct supervision of the finance officer.

Strength. Off 2 WO 1 EM 34 Aggr 37

Basis of allocation. One per finance service organization charged with this responsibility.

Team FF, quality assurance, disbursing and pay

Capabilities. Provides pay, travel, and related finance services for populations averaging 7,000 persons per month. The quality assurance section

is under the direct supervision of the finance officer.

Strength. Off 2 WO 1 EM 47 Aggr 50

Basis of allocation. One per finance service organization charged with this responsibility.

Team FG, quality assurance, disbursing and pay

Capabilities. Provides pay, travel, and related finance services for populations averaging 9,000 persons per month. The quality assurance section is under the direct supervision of the finance officer.

Strength. Off 2 WO 2 EM 61 Aggr 65

Basis of allocation. One per finance service organization charged with this responsibility.

Team FH, quality assurance, disbursing and pay

Capabilities. Provides pay, travel, and related finance services for populations averaging 11,000 persons per month. The quality assurance section is under the direct supervision of the finance officer.

Strength. Off 2 WO 2 EM 74 Aggr 78

Basis of allocation. One per finance service organization charged with this responsibility.

Team FI, quality assurance, disbursing and pay

Capabilities. Provides pay, travel, and related finance services for populations averaging 13,000 persons per month. The quality assurance section is under the direct supervision of the finance officer.

Strength. Off 2 WO 2 EM 89 Aggr 93

Basis of allocation. One per finance service organization charged with this responsibility.

Team FJ, quality assurance, disbursing and pay

Capabilities. Provides pay, travel, and related finance services for populations averaging 15,000 persons per month. The quality assurance section is under the direct supervision of the finance officer.

Strength. Off 2 WO 3 EM 100 Aggr 105

Basis of allocation. One per finance service organization charged with this responsibility.

Team FK, quality assurance, disbursing and pay

Capabilities. Provides pay, travel, and related finance services for populations averaging 19,000 persons per month. The quality assurance section is under the direct supervision of the finance officer.

Strength. Off 2 WO 3 EM 127 Aggr 132

Basis of allocation. One per finance service organization charged with this responsibility.

Team FL, quality assurance, disbursing and pay

Capabilities. Provides pay, travel, and related finance services for populations averaging 23,000

persons per month. The quality assurance section is under the direct supervision of the finance officer.

Strength. Off 2 WO 4 EM 153 Aggr 159

Basis of allocation. One per finance service organization charged with this responsibility.

Accounting Teams

Teams GA—GI

Team GA, accounting

Capabilities. Processes 3,000 line items per month.

Strength. EM 2

Basis of allocation. One per finance and accounting section or regional accounts section operating independently.

Team GB, accounting

Capabilities. Processes 6,000 line items per month.

Strength. EM 5

Basis of allocation. One per finance and accounting section or regional accounts section operating independently.

Team GC, accounting

Capabilities. Processes 12,000 line items per month.

Strength. Off 1 EM 9 Aggr 10

Basis of allocation. One per finance and accounting section or regional accounts section operating independently.

Team GD, accounting

Capabilities. Processes 17,000 line items per month.

Strength. Off 1 EM 12 Aggr 13

Basis of allocation. One per finance and accounting section or regional accounts section operating independently.

Team GE, accounting

Capabilities. Processes 17,000 line items per month.

Strength. Off 1 EM 17 Aggr 18

Basis of allocation. One per finance and accounting section or regional accounts section operating independently.

Team GF, accounting

Capabilities. Processes 30,000 line items per month.

Strength. Off 1 EM 24 Aggr 25

Basis of allocation. One per finance and accounting section or regional accounts section operating independently.

Team GG, accounting

Capabilities. Processes 38,000 line items per month.

Strength. Off 1 EM 29 Aggr 30

Basis of allocation. One per finance and accounting section or regional accounts section operating independently.

Team GH, accounting

Capabilities. Processes 47,000 line items per month.

Strength. Off 1 EM 34 Aggr 35

Basis of allocation. One per finance and accounting section or regional accounts section operating independently.

Team GI, accounting

Capabilities. Processes 57,000 line items per month.

Strength. Off 1 EM 42 Aggr 43

Basis of allocation. One per finance and accounting section or regional accounts section operating independently.

Commercial Accounts Teams**Teams HA—HF****Team HA, commercial accounts**

Capabilities. Processes 200 invoices.

Strength. EM 1

Basis of allocation. One per finance service organization charged with this responsibility.

Team HB, commercial accounts

Capabilities. Processes 400 invoices.

Strength. EM 3

Basis of allocation. One per finance service organization charged with this responsibility.

Team HC, commercial accounts

Capabilities. Processes 700 invoices.

Strength. EM 6

Basis of allocation. One per finance service organization charged with this responsibility.

Team HD, commercial accounts

Capabilities. Processes 1,000 invoices.

Strength. EM 8

Basis of allocation. One per finance service organization charged with this responsibility.

Team HE, commercial accounts

Capabilities. Processes 1,400 invoices.

Strength. EM 11

Basis of allocation. One per finance service organization charged with this responsibility.

Team HF, commercial accounts

Capabilities. Processes 1,800 invoices.

Strength. EM 13

Basis of allocation. One per finance service organization charged with this responsibility.

Funding Teams**Teams IA—IE****Team IA, funding**

Capabilities. To receive, store, and distribute up to 1,600,000 items of currency per month.

Strength. EM 3

Basis of allocation. One per finance service organization charged with the responsibility for area funding.

Team IB, funding

Capabilities. To receive, store, and distribute up to 2,600,000 items of currency per month.

Strength. EM 5

Basis of allocation. One per finance service organization charged with the responsibility for area funding.

Team IC, funding

Capabilities. To receive, store, and distribute up to 3,700,000 items of currency per month.

Strength. Off 1 EM 8 Aggr 9

Basis of allocation. One per finance service organization charged with the responsibility for area funding.

Team ID, funding

Capabilities. To receive, store, and distribute up to 5,800,000 items of currency per month.

Strength. Off 1 EM 12 Aggr 13

Basis of allocation. One per finance service organization charged with the responsibility for area funding.

Team IE, funding

Capabilities. To receive, store, and distribute up to 8,400,000 items of currency per month.

Strength. Off 2 EM 18 Aggr 20

Basis of allocation. One per finance service organization charged with the responsibility for area funding.

Mechanized Pay Team**Team JA, mechanized pay**

Capabilities. Increases capabilities of quality assurance, disbursing and pay teams FD through FL by 2,000 persons served and eliminates preparation of military pay vouchers.

Strength. EM 4

Basis of allocation. One per finance service unit when teams FD, FE, FF, FG, FH, and FJ are authorized to operate under mechanized pay procedures prescribed in AR 37-104.



CHAPTER 12

CHAPLAIN UNIT

16-4G Ch GS Det

Mission. To establish the chaplain detachment (general support) and to operate the theater-wide chaplain general support activities in support of a field army, a TASCOR, or an independent corps.

Assignment. Normally to PERSCOM. To independent COSCOM when no PERSCOM exists.

Capabilities. a. At level 1, this unit—

(1) Plans and supervises the continuous operation of religious retreat centers at up to three separate locations for military personnel. When assigned to the independent COSCOM, will also operate the religious retreat center.

(2) Plans and operates monthly professional and spiritual training conferences for all chaplains in the theater.

(3) Provides plans, materials, and technical instructions for unit conferences at multiple locations in the theater.

(4) Plans and operates lay leadership training conferences at multiple locations in the theater.

(5) Provides religious information to all Armed Forces' networks in the theater.

(6) Provides and operates a professional and educational religious library and briefing service for all chaplains to include ecumenical and ecclesiastical news and trends, local religions, and theological and Biblical reference materials.

(7) Performs other special projects, as required.

b. This unit is not adaptable to levels 2 and 3 because the detachment is organized as an integral unit to perform specific functions regardless of the size of the support force. It can be reduced only by eliminating some of its functions and thereby changing its mission. Such a reduction will be the prerogative of the major commander and will be accomplished by establishing an MTOE under the provisions of AR 310-31.

c. When the mission to be performed or the workload imposed on this unit exceeds the stated capabilities, the additional capabilities required must be provided by team HA from TOE 29-500 or by the establishment of an MTOE under the provisions of AR 310-31.

d. This unit is not adaptable to a type B organization.

e. This unit depends on other units for personnel administration, mess, supply, medical, and vehicular maintenance.

f. Individuals of this organization, except chaplains, can engage in effective, coordinated defense of the unit's area or installation.

Strength. Off 7 EM 11 Aggr 18

Basis of allocation. One per PERSCOM in support of an eight- to 12-division force or one per independent COSCOM.

Category. III.

Mobility. Fifty-percent mobile.



CHAPTER 13

ARMOR UNITS

17—15T Sep Tk Bn (Lt)

Mission. To close with and destroy enemy forces, using fire, maneuver, and shock effect in coordination with other arms.

Assignment. a. To corps, division, or brigade when rapid-reaction strategic mobility is required.

b. To airborne corps, division, or brigade, as required.

Capabilities. a. At level 1, this unit—

(1) Conducts operations requiring direct heavy-caliber firepower, armor protection, and the highest order of tactical mobility, including a swim capability and airborne deployment.

(2) Attacks or counterattacks under hostile fire.

(3) Destroys enemy forces to include enemy armor and mechanized forces.

(4) Supports infantry or airborne infantry by fire, maneuver, and shock effect.

(5) Moves rapidly cross country or swims inland waterways to exploit the effects of mass destruction weapons.

(6) Conducts combat operations under limited-visibility conditions, employing night-viewing devices and ground surveillance equipment.

(7) Participates in phase I airborne operations.

(8) Participates in strategic air-transported operations.

(9) Provides company- and battalion-level organizational maintenance for organic and attached units.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

d. This unit depends on the unit to which assigned or attached for religious facilities and personnel administration.

e. When assigned or attached to airborne units, individuals of this organization may be parachute-qualified.

Strength. a. Level 1: Off 35 WO 3

EM 543 Aggr 581

b. Level 2: Off 30 WO 3

EM 490 Aggr 523

c. Level 3: Off 27 WO 3

EM 441 Aggr 471

Basis of allocation. To division, separate brigade, or as an independent force in conformance with mission requirements determined by the theater commander and DA.

Category. I.

Mobility. For tactical movements, 100-percent mobile in organic vehicles or medium transport aircraft.

Components. a. One HHC (TOE 17-16T).

b. Three tank companies (TOE 17-18T).

17-16T HHC, Sep Tk Bn (Lt)

Mission. To furnish command, administration, supply, mess, and maintenance for the separate tank battalion (light) (TOE 17-15).

Assignment. Organic to separate tank battalion (light) (TOE 17-15).

Capabilities. a. At level 1, this unit—

(1) Commands, controls, provides staff planning, furnishes communications, and supervises operations.

(2) Furnishes supply, mess, transportation, organizational maintenance, and administration for organic and attached units.

(3) Provides unit-level medical service to include medical care and evacuation to the battalion and attached units. The medical section establishes aid station and provides aidmen to supported units.

(4) Provides indirect fire support for the tank battalion and attached units.

(5) Provides company- and battalion-level organizational maintenance for organic and attached units.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

d. This unit depends on the unit to which assigned or attached for religious services and personnel administration.

e. When assigned or attached to airborne organizations, individuals of this unit may be parachute-qualified.

- Strength.* a. Level 1: Off 20 WO 3
EM 285 Aggr 308
b. Level 2: Off 18 WO 3
EM 247 Aggr 268
c. Level 3: Off 15 WO 3
EM 204 Aggr 222

Basis of allocation. One per separate tank battalion (light) (TOE 17-15).

Category. I.

Mobility. For tactical movements, 100-percent mobile in organic vehicles or medium transport aircraft.

17-17G Sep Tk Co, Lt or Mdm

Mission. To close with and destroy enemy forces, using fire, maneuver, and shock effect in coordination with other arms.

Assignment. As required.

Capabilities. a. At level 1, this unit—

- (1) Attacks or counterattacks under hostile fire.
- (2) Destroys enemy armor by fire.
- (3) Supports infantry (mechanized), infantry, reconnaissance, or other tank units by fire, maneuver, and shock effect.
- (4) Provides the mobility, armor protection, and firepower to exploit successfully effects of nuclear and nonnuclear fire support.

b. This unit is not adaptable to a type B organization.

c. A 10-man security section and equipment must be provided by MTOE when this company is employed in certain operational environments.

d. Provision of unit medical support is the responsibility of the medical element of the next higher HQ. Medical support normally required by this unit is one company aidman and two medical aid-evacuation teams.

e. Individuals of this organization can engage in

effective, coordinated defense of the unit's area or installation.

Strength. a. When organized as separate tank company, light:

- (1) Level 1: Off 5 WO 1
EM 118 Aggr 124
- (2) Level 2: Off 4 WO 1
EM 113 Aggr 118
- (3) Level 3: Off 4 WO 1
EM 98 Aggr 103

b. When organized as separate tank company, medium:

- (1) Level 1: Off 5 WO 1
EM 119 Aggr 125
- (2) Level 2: Off 4 WO 1
EM 114 Aggr 119
- (3) Level 3: Off 4 WO 1
EM 99 Aggr 104

Basis of allocation. As required.

Category. I.

Mobility. a. One hundred-percent mobile in organic transportation.

b. The separate tank company, light, is 100-percent air transportable in USAF aircraft.

17-18T Tk Co, Sep Tk Bn (Lt)

Mission. To close with and destroy enemy forces, using fire, maneuver, and shock effect in coordination with other arms.

Assignment. Organic to separate tank battalion (light) (TOE 17-15).

Capabilities. a. At level 1, this unit—

- (1) Attacks or counterattacks under hostile fire.
- (2) Supports the unit to which assigned or attached by destroying enemy antitank weapons and armored vehicles.
- (3) Supports infantry (mechanized), infantry, reconnaissance, airborne, or other assault units by fire, maneuver, and shock effect.
- (4) Destroys enemy armor by fire.
- (5) Rapidly exploits the effects of mass destruction weapons.
- (6) Provides organic nonnuclear fire support.
- (7) Participates in air-transported operations.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

d. This unit depends on its parent unit for mess facilities, personnel administration, medical, and logistic support.

e. The unit performs organizational maintenance on its organic signal equipment and wheeled and tracked vehicles. It depends on the HHC (TOE 17-16) for organizational maintenance support on remainder of organic equipment.

f. A 10-man security squad and equipment must be provided by MTOE when this unit is employed in certain operational environments.

g. When in support of airborne units, personnel of the company may be parachute-qualified.

Strength. a. Level 1: Off 5 EM 86
Aggr 91

b. Level 2: Off 4 EM 81
Aggr 85

c. Level 3: Off 4 EM 79
Aggr 83

Basis of allocation. Three per separate tank battalion (light) (TOE 17-15).

Category. I.

Mobility. For tactical movements, 100-percent mobile in organic vehicles or medium transport aircraft.

17-27G Tk Co, Armd Cav Sqdn, Armd Cav Regt

Mission. To close with and destroy enemy forces, using fire, maneuver, and shock effect in coordination with other arms.

Assignment. Organic to armored cavalry squadron, armored cavalry regiment (TOE 17-55).

Capabilities. a. At level 1, this unit—

(1) Attacks or counterattack under hostile fire.

(2) Destroys enemy armor by fire.

(3) Supports infantry (mechanized), infantry, reconnaissance, or other tank units by fire, maneuver, and shock effect.

(4) Provides the mobility, armor protection, and firepower to exploit successfully the effects of nuclear and nonnuclear fire support.

b. This unit is not adaptable to a type B organization.

c. A 10-man security section and equipment must be provided by MTOE when this unit is employed in certain operational environments.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area

or installation.

Strength. a. When equipped with main battle tank:

(1) Level 1: Off 5 EM 97
Aggr 102

(2) Level 2: Off 4 EM 96
Aggr 100

(3) Level 3: Off 4 EM 92
Aggr 96

b. When equipped with armored reconnaissance/airborne assault vehicle:

(1) Level 1: Off 5 EM 96
Aggr 101

(2) Level 2: Off 4 EM 95
Aggr 99

(3) Level 3: Off 4 EM 91
Aggr 95

Basis of allocation. One per armored cavalry squadron, armored cavalry regiment (TOE 17-55).

Category. I.

Mobility. a. One hundred-percent mobile in organic transportation.

b. When equipped with armored reconnaissance/airborne assault vehicle, this unit is 100-percent air transportable in USAF aircraft.

17-32D HHC, Armor Gp

Mission. To command, control, and supervise one or more separate tank battalions assigned to a corps or a field army.

Assignment. To corps or field army.

Capabilities. a. At full strength, this unit—

(1) Provides command, control, and supervision of one or more separate tank battalions.

(2) Commands, controls, and supervises in combat an armored task force comparable to a combat command for short periods.

(3) Commands, controls, and supervises specialized armored equipment and/or units such as flamethrowing tanks, mine-exploding tanks, and tanks equipped with flotation devices that may be assigned to the group.

(4) Operates the armor section of a corps headquarters, when required.

b. This unit is not adaptable to a type B organization.

c. Individuals of this unit, except chaplain, can fight as infantrymen, when required. The unit can defend itself and its installations against hostile ground attack.

Strength. a. Full: Off 11 EM 53
Aggr 64
b. Reduced: Off 9 EM 49
Aggr 58

Basis of allocation. One per corps.

Category. I.

Mobility. One hundred-percent mobile.

17-35G Tk Bn, Armd Div
Tk Bn, Inf Div
Tk Bn, Inf Div (Mech)
Tk Bn, Sep Armd Bde
Tk Bn, Sep Inf Bde
Tk Bn, Sep Inf Bde (Mech)

Mission. To close with and destroy enemy forces, using fire, maneuver, and shock effect in coordination with other arms.

Assignment. Organic to—

- a. Armored division (TOE 17).
- b. Infantry division (TOE 7).
- c. Infantry division (mechanized) (TOE 37).
- d. Separate armored brigade (TOE 17-100).
- e. Separate infantry brigade (TOE 7-100).
- f. Separate infantry brigade (mechanized) (TOE 37-100).

Capabilities. a. At level 1, this unit—

- (1) Conducts operations requiring a high degree of firepower, mobility, armor protection, and shock effect.
- (2) Attacks or counterattacks under hostile fire.
- (3) Destroys enemy armor by fire.
- (4) Supports infantry (mechanized) and infantry units by fire, maneuver and shock effect.
- (5) Provides the mobility, armor protection, firepower, and flexible communications to exploit successfully the effects of nuclear and nonnuclear fire support.
- (6) Conducts combat operations under limited-visibility conditions, employing night-viewing devices and surveillance equipment.
- (7) Participates in air-transported operations when the armored reconnaissance/airborne assault vehicle is substituted for the main battle tank.

b. This unit is not adaptable to a type B organization.

c. When this battalion is transferred or detached from the division or separate brigade, a personnel team from the personnel service division, AG section, administration company (TOE 12-37 or TOE 12-177), will be transferred with or attached to this battalion. This personnel sec-

tion will be composed of those individuals who regularly maintain this battalion's records in the personnel service division and will contain personnel and equipment, as required.

d. Chaplain support is required from the brigade HQ for all operational environments.

e. This unit depends on the USAF to provide a FAC for directing tactical air support.

f. Individuals of this organization, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 34 WO 3
EM 562 Aggr 599
b. Level 2: Off 28 WO 2
EM 507 Aggr 537
c. Level 3: Off 27 WO 2
EM 448 Aggr 477

Basis of allocation. To the following in conformance with mission requirements as determined by the theater commander and DA:

- a. Armored division (TOE 17).
- b. Infantry division (TOE 7).
- c. Infantry division (mechanized) (TOE 37).
- d. Separate armored brigade (TOE 17-100).
- e. Separate infantry brigade (TOE 7-100).
- f. Separate infantry brigade (mechanized) (TOE 37-100).

Category. I.

Mobility. One hundred-percent mobile.

Components. a. One HHC (TOE 17-36G).

b. Three tank companies (TOE 17-37G).

Remarks. This unit will be replaced by tank battalion, armored division, infantry division, infantry division (mechanized), separate armored brigade, separate infantry brigade, or separate infantry brigade (mechanized) (TOE 17-35G (Corrected Copy)), when published.

17-35G (Corr Cy) (DPTOE)

Tk Bn, Armd Div
Tk Bn, Inf Div
Tk Bn, Inf Div (Mech)
Tk Bn, Sep Armd Bde
Tk Bn, Sep Inf Bde
Tk Bn, Sep Inf Bde (Mech)

Mission. To close with and destroy enemy forces, using fire, maneuver, and shock effect in coordination with other arms.

Assignment. Organic to—

- a. Armored division (TOE 17).
- b. Infantry division (TOE 7).
- c. Infantry division (mechanized) (TOE 37).

- d. Separate armored brigade (TOE 17-100).
- e. Separate infantry brigade (TOE 7-100).
- f. Separate infantry brigade (mechanized) (TOE 37-100).

Capabilities. a. At level 1, this unit—

(1) Conducts operations requiring a high degree of firepower, mobility, armor protection, and shock effect.

(2) Attacks or counterattacks under hostile fire.

(3) Destroys enemy armor by fire.

(4) Supports infantry (mechanized) and infantry units by fire, maneuver, and shock effect.

(5) Provides the mobility, armor protection, firepower, and flexible communications to exploit successfully the effects of nuclear and nonnuclear fire support.

(6) Conducts combat operations under limited-visibility conditions, employing night-viewing devices and surveillance equipment.

b. This unit is not adaptable to a type B organization.

c. When this battalion is transferred or detached from the division or separate brigade, a personnel team from the personnel service division, AG section, administration company (TOE 12-37 or TOE 12-177), will be transferred with or attached to this battalion. This personnel section will be composed of those individuals who regularly maintain this battalion's records in the personnel service division and will contain personnel and equipment, as required.

d. Chaplain support is required from the brigade HQ for all operational environments.

e. This unit depends on the USAF to provide a FAC for directing tactical air support.

f. Individuals of this organization, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 35 WO 3

EM 564 Aggr 602

b. Level 2: Off 30 WO 2

EM 509 Aggr 541

c. Level 3: Off 28 WO 2

EM 452 Aggr 482

Basis of allocation. To the following in conformance with mission requirements as determined by the theater commander and DA:

- a. Armored division (TOE 17).
- b. Infantry division (TOE 7).
- c. Infantry division (mechanized) (TOE 37).
- d. Separate armored brigade (TOE 17-100).
- e. Separate infantry brigade (TOE 7-100).

- f. Separate infantry brigade (mechanized) (TOE 37-100).

Category. I.

Mobility. For tactical movements, this unit is 100-percent mobile in organic vehicles.

Components. a. One HHC (TOE 17-36G (Corrected Copy)).

b. Three tank companies (TOE 17-37G (Corrected Copy)).

Remarks. DPTOE 17-35G (Corrected Copy) at USACDCCAG for review at the time of preparation of this manual. When published, this unit will replace tank battalion, armored division, infantry division, infantry division (mechanized), separate armored brigade, separate infantry brigade, or separate infantry brigade (mechanized) (TOE 17-35G).

17-36G HHC, Tk Bn, Armd Div

HHC, Tk Bn, Inf Div

HHC, Tk Bn, Inf Div (Mech)

HHC, Tk Bn, Sep Armd Bde

HHC, Tk Bn, Sep Inf Bde

HHC, Tk Bn, Sep Inf Bde (Mech)

Mission. To furnish command, administration, supply, mess, and maintenance for the tank battalion (TOE 17-35).

Assignment. Organic to—

a. Tank battalion, armored division (TOE 17-35).

b. Tank battalion, infantry division (TOE 17-35).

c. Tank battalion, infantry division (mechanized) (TOE 17-35).

d. Tank battalion, separate armored brigade (TOE 17-35).

e. Tank battalion, separate infantry brigade (TOE 17-35).

f. Tank battalion, separate infantry brigade (mechanized) (TOE 17-35).

Capabilities. a. At level 1, this unit—

(1) Commands, controls, provides staff planning, furnishes communications, and supervises operations.

(2) Furnishes supply, transportation, organizational maintenance, and administration for organic and attached units.

(3) Provides unit-level medical service to the tank battalion and attached units to include furnishing aidmen to the tank companies.

(4) Provide centralized or decentralized messing, as required.

(5) Provides indirect fire support for the tank battalion and attached units.

(6) Provides reconnaissance support for the tank battalion and attached units.

b. This unit is not adaptable to a type B organization.

c. When this battalion is transferred or detached from the division or separate brigade, a 10-man personnel team from the personnel service division, AG section, administration company (TOE 12-37 or TOE 12-177), will be transferred with or attached to this battalion. This personnel section will be composed of those individuals who regularly maintain this battalion's records in the personnel service division and will contain personnel and equipment, as required.

d. Chaplain support is required from the brigade HQ for all operational environments.

e. This unit depends on the USAF to provide a FAC for directing tactical air support.

f. Individuals of this organization, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 19 WO 3

EM 301 Aggr 323

b. Level 2: Off 16 WO 2

EM 261 Aggr 279

c. Level 3: Off 15 WO 2

EM 202 Aggr 219

Basis of allocation. One per—

a. Tank battalion, armored division (TOE 17-35).

b. Tank battalion, infantry division (TOE 17-35).

c. Tank battalion, infantry division (mechanized) (TOE 17-35).

d. Tank battalion, separate armored brigade (TOE 17-35).

e. Tank battalion, separate infantry brigade (TOE 17-35).

f. Tank battalion, separate infantry brigade (mechanized) (TOE 17-35).

Category. I.

Mobility. One hundred-percent mobile in organic transportation.

Remarks. This unit will be replaced by HHC, tank battalion, armored division, infantry division, infantry division (mechanized), separate armored brigade, separate infantry brigade, or separate infantry brigade (mechanized) (TOE 17-36G (Corrected Copy)), when published.

17-36G (Corr Cy) (DPTOE)

HHC, Tk Bn, Armd Div

HHC, Tk Bn, Inf Div

HHC, Tk Bn, Inf Div (Mech)

HHC, Tk Bn, Sep Armd Bde

HHC, Tk Bn, Sep Inf Bde

HHC, Tk Bn, Sep Inf Bde (Mech)

Mission. To furnish command, administration, supply, mess, and maintenance for the tank battalion (TOE 17-35).

Assignment. Organic to—

a. Tank battalion, armored division (TOE 17-35).

b. Tank battalion, infantry division (TOE 17-35).

c. Tank battalion, infantry division (mechanized) (TOE 17-35).

d. Tank battalion, separate armored brigade (TOE 17-35).

e. Tank battalion, separate infantry brigade (TOE 17-35).

f. Tank battalion, separate infantry brigade (mechanized) (TOE 17-35).

Capabilities. a. At level 1, this unit—

(1) Commands, controls, provides staff planning, furnishes communications, and supervises operations.

(2) Furnishes supply, transportation, organizational maintenance, and administration for organic and attached units.

(3) Provides unit-level medical service to the tank battalion and attached units to include furnishing aidmen to the tank companies.

(4) Provides centralized or decentralized messing, as required.

(5) Provides indirect fire support for the tank battalion and attached units.

(6) Provides reconnaissance support for the tank battalion and attached units.

b. This unit is not adaptable to a type B organization.

c. When this battalion is transferred or detached from the division or separate brigade, a 10-man personnel team from the personnel service division, AG section, administration company (TOE 12-37 or TOE 12-177), will be transferred with or attached to this battalion. This personnel section will be composed of those individuals who regularly maintain this battalion's records in the personnel service division and will contain personnel and equipment, as required.

d. Chaplain support is required from the brigade HQ for all operational environments.

e. This unit depends on the USAF to provide a FAC for directing tactical air support.

f. Individuals of this organization, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 20 WO 3
EM 300 Aggr 323
b. Level 2: Off 18 WO 2
EM 260 Aggr 280
c. Level 3: Off 16 WO 2
EM 203 Aggr 221

Basis of allocation. One per—

a. Tank battalion, armored division (TOE 17-35).

b. Tank battalion, infantry division (TOE 17-35).

c. Tank battalion, infantry division (mechanized) (TOE 17-35).

d. Tank battalion, separate armored brigade (TOE 17-35).

e. Tank battalion, separate infantry brigade (TOE 17-35).

f. Tank battalion, separate infantry brigade (mechanized) (TOE 17-35).

Category. I.

Mobility. For tactical movements, 100-percent mobile in organic vehicles.

Remarks. DPTOE 17-36G (Corrected Copy) at USACDCCAG for review at the time of preparation of this manual. When published, this unit will replace HHC, tank battalion, armored division, infantry division, infantry division (mechanized), separate armored brigade, separate infantry brigade, or separate infantry brigade (mechanized) (TOE 17-36G).

17-37G Tk Co, Tk Bn, Armd Div

Tk Co, Tk Bn, Inf Div

Tk Co, Tk Bn, Inf Div (Mech)

Tk Co, Tk Bn, Sep Armd Bde

Tk Co, Tk Bn, Sep Inf Bde

Tk Co, Tk Bn, Sep Inf Bde (Mech)

Mission. To close with and destroy enemy forces, using fire, maneuver, and shock effect in coordination with other arms.

Assignment. Organic to—

a. Tank battalion, armored division (TOE 17-35).

b. Tank battalion, infantry division (TOE 17-35).

c. Tank battalion, infantry division (mechanized) (TOE 17-35).

d. Tank battalion, separate armored brigade (TOE 17-35).

e. Tank battalion, separate infantry brigade (TOE 17-35).

f. Tank battalion, separate infantry brigade (mechanized) (TOE 17-35).

Capabilities. a. At level 1, this unit—

(1) Attacks or counterattacks under hostile fire.

(2) Destroys enemy armor by fire.

(3) Supports infantry, infantry (mechanized), reconnaissance, or other tank units by fire, maneuver, and shock effect.

(4) Provides the mobility, armor protection, and firepower to exploit successfully the effects of nuclear and nonnuclear fire support.

b. This unit is not adaptable to a type B organization.

c. A 10-man security squad and equipment must be provided by MTOE when this company is employed in certain operational environments.

d. This unit depends on the HHC (TOE 17-36) for mess facilities and transportation of a portion of its class III and class V basic load.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 5 EM 87
Aggr 92

b. Level 2: Off 4 EM 82
Aggr 86

c. Level 3: Off 4 EM 82
Aggr 86

Basis of allocation. Three per—

a. Tank battalion, armored division (TOE 17-35).

b. Tank battalion, infantry division (TOE 17-35).

c. Tank battalion, infantry division (mechanized) (TOE 17-35).

d. Tank battalion, separate armored brigade (TOE 17-35).

e. Tank battalion, separate infantry brigade (TOE 17-35).

f. Tank battalion, separate infantry brigade (mechanized) (TOE 17-35).

Category. I.

Mobility. One hundred-percent mobile in organic transportation, with a portion of the company class III and V basic load transported by the battalion support platoon (TOE 17-36).

Remarks. This unit will be replaced by tank company, tank battalion, armored division, infan-

try division, infantry division (mechanized), separate armored brigade, separate infantry brigade, or separate infantry brigade (mechanized) (TOE 17-37G (Corrected Copy)), when published.

17-37G (Corr Cy) (DPTOE)

Tk Co, Tk Bn, Armd Div
 Tk Co, Tk Bn, Inf Div
 Tk Co, Tk Bn, Inf Div (Mech)
 Tk Co, Tk Bn, Sep Armd Bde
 Tk Co, Tk Bn, Sep Inf Bde
 Tk Co, Tk Bn, Sep Inf Bde (Mech)

Mission. To close with and destroy enemy forces, using fire, maneuver, and shock effect in coordination with other arms.

Assignment. Organic to—

- a. Tank battalion, armored division (TOE 17-35).
- b. Tank battalion, infantry division (TOE 17-35).
- c. Tank battalion, infantry division (mechanized) (TOE 17-35).
- d. Tank battalion, separate armored brigade (TOE 17-35).
- e. Tank battalion, separate infantry brigade (TOE 17-35).
- f. Tank battalion, separate infantry brigade (mechanized) (TOE 17-35).

Capabilities. a. At level 1, this unit—

- (1) Attacks or counterattacks under hostile fire.
- (2) Destroys enemy armor by fire.
- (3) Supports infantry, infantry (mechanized), reconnaissance, or other tank units by fire, maneuver, and shock effect.
- (4) Provides the mobility, armor protection, and firepower to exploit successfully the effects of nuclear and nonnuclear fire support.

b. This unit is not adaptable to a type B organization.

c. A 10-man security squad and equipment must be provided by MTOE when this company is employed in certain operational environments.

d. This unit depends on the HHC (TOE 17-36) for mess facilities and transportation of a portion of its class III and class V basic load.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 5 EM 88

Aggr 93

b. Level 2: Off 4 EM 83

Aggr 87

c. Level 3: Off 4 EM 83

Aggr 87

Basis of allocation. Three per—

- a. Tank battalion, armored division (TOE 17-35).
- b. Tank battalion, infantry division (TOE 17-35).
- c. Tank battalion, infantry division (mechanized) (TOE 17-35).
- d. Tank battalion, separate armored brigade (TOE 17-35).
- e. Tank battalion, separate infantry brigade (TOE 17-35).
- f. Tank battalion, separate infantry brigade (mechanized) (TOE 17-35).

Category. I.

Mobility. For tactical movements, 100-percent mobile in organic vehicles. The HHC is organized to provide general-purpose transportation to transport the bulk loads of class III and class V for the tank company for all moves and displacements.

Remarks. DPTOE 17-37G (Corrected Copy) at USACDCCAG for review at the time of preparation of this manual. When published, this unit will replace tank company, tank battalion, armored division, infantry division, infantry division (mechanized), separate armored brigade, separate infantry brigade, or separate infantry brigade (mechanized) (TOE 17-37G).

17-51G Armd Cav Regt

Mission. To provide security and perform reconnaissance for the unit to which assigned or attached and to engage in offensive, defensive, or delaying actions as an economy-of-force unit.

Assignment. To field army or corps.

Capabilities. a. At level 1, this unit—

- (1) Operates as a light armored task force, without reinforcement, in security and light combat missions.
 - (2) Executes screening missions.
 - (3) Operates as a highly mobile armored task force when suitably reinforced.
 - (4) Reconnoiters for higher echelon, normally by independent action without reinforcement.
- b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except medical and chaplain personnel, can engage in effective, coordinated defense of the unit's area or installation.

d. This unit depends on—

(1) Army field units to provide evacuation from organic, subordinate, or attached aid stations.

(2) Field army or corps for information from air surveillance activities.

Strength. a. When equipped with armored reconnaissance/airborne assault vehicle and main battle tank:

- (1) Level 1: Off 175 WO 79
EM 3,229 Aggr 3,483
- (2) Level 2: Off 167 WO 73
EM 2,925 Aggr 3,165
- (3) Level 3: Off 149 WO 60
EM 2,596 Aggr 2,805

b. When equipped with armored reconnaissance/airborne assault vehicle:

- (1) Level 1: Off 175 WO 79
EM 3,223 Aggr 3,477
- (2) Level 2: Off 167 WO 73
EM 2,919 Aggr 3,159
- (3) Level 3: Off 149 WO 60
EM 2,590 Aggr 2,799

c. When equipped with main battle tank:

- (1) Level 1: Off 175 WO 79
EM 3,238 Aggr 3,492
- (2) Level 2: Off 167 WO 73
EM 2,934 Aggr 3,174
- (3) Level 3: Off 149 WO 60
EM 2,605 Aggr 2,814

Basis of allocation. One per field army; one per corps.

Category. I.

Mobility. One hundred-percent mobile.

Components. a. One HHT (TOE 17-52G).

b. Three armored cavalry squadrons (TOE 17-55G).

c. One air cavalry troop (TOE 17-58G).

17-52G HHT, Armd Cav Regt

Mission. To furnish command, control, and supervision for the armored cavalry regiment (TOE 17-51).

Assignment. Organic to armored cavalry regiment (TOE 17-51).

Capabilities. a. At level 1, this unit—

(1) Commands, controls, performs staff planning, furnishes communications, and supervises operations.

(2) Provides air vehicles for command and control, liaison, and air movement of troops, supplies, and equipment.

(3) Provides unit-level medical service to include medical care and evacuation to the air cavalry troop (TOE 17-58).

b. This unit is not adaptable to a type B organization.

c. A casualty reporting team and awards and decorations team, if required, may be provided by MTOE or by a supporting FASCOM unit.

d. Individuals of this organization, except medical and chaplain personnel, can engage in effective, coordinated defense of the unit's area or installation.

- Strength:*
- a. Level 1: Off 25 WO 19
EM 162 Aggr 206
 - b. Level 2: Off 23 WO 18
EM 147 Aggr 188
 - c. Level 3: Off 20 WO 7
EM 132 Aggr 159

Basis of allocation. One per armored cavalry regiment (TOE 17-51).

Category. I.

Mobility. One hundred-percent mobile in organic vehicles.

17-55G Armd Cav Sqdn, Armd Cav Regt

Mission. To provide security and perform reconnaissance for the unit to which assigned or attached and to engage in offensive, defensive, or delaying actions as an economy-of-force unit.

Assignment. Organic to armored cavalry regiment (TOE 17-51).

Capabilities. a. At level 1, this unit—

(1) Provides security and performs reconnaissance for a higher echelon.

(2) Executes combat missions suitable for light armored units.

(3) Operates as an armored task force when suitably reinforced.

b. This unit is not adaptable to a type B organization.

c. Individuals of this unit, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

d. This unit depends on Army field units to provide evacuation from the squadron aid station.

Strength. a. When equipped with armored reconnaissance/airborne assault vehicle and main battle tank:

- (1) Level 1: Off 46 WO 9
EM 978 Aggr 1,033
- (2) Level 2: Off 44 WO 8
EM 887 Aggr 939

(3) Level 3: Off 39 WO 8
EM 787 Aggr 834

b. When equipped with armored reconnaissance/airborne assault vehicle:

(1) Level 1: Off 46 WO 9
EM 976 Aggr 1,031

(2) Level 2: Off 44 WO 8
EM 885 Aggr 937

(3) Level 3: Off 39 WO 8
EM 785 Aggr 832

c. When equipped with main battle tank:

(1) Level 1: Off 46 WO 9
EM 981 Aggr 1,036

(2) Level 2: Off 44 WO 8
EM 890 Aggr 942

(3) Level 3: Off 39 WO 8
EM 790 Aggr 837

Basis of allocation. Three per armored cavalry regiment (TOE 17-51).

Category. I.

Mobility. For mobility of the components of this squadron, see applicable TOE extracts.

Components. a. One HHT (TOE 17-56G).

b. Three armored cavalry troops (TOE 17-57G).

c. One tank company (TOE 17-27G).

d. One field artillery battery, 155-mm, self-propelled (TOE 6-37G).

17-56G HHT, Armd Cav Sqdn, Armd Cav Regt

Mission. To furnish command, administration, supply, and maintenance for the armored cavalry squadron (TOE 17-55).

Assignment. Organic to armored cavalry squadron, armored cavalry regiment (TOE 17-55).

Capabilities. a. At level 1, this unit—

(1) Provides command, control, and staff planning; furnishes communications; and supervises operations.

(2) Furnishes supply, transportation, organizational maintenance, and administration for organic and attached units.

(3) Provides unit medical service to the cavalry squadron to include furnishing aidmen to cavalry troops.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. When equipped with armored reconnaissance/airborne assault vehicle and main battle tank or when equipped with main battle tank:

(1) Level 1: Off 19 WO 9
EM 250 Aggr 278

(2) Level 2: Off 18 WO 8
EM 225 Aggr 251

(3) Level 3: Off 16 WO 8
EM 191 Aggr 215

b. When equipped with armored reconnaissance/airborne assault vehicle:

(1) Level 1: Off 19 WO 9
EM 249 Aggr 277

(2) Level 2: Off 18 WO 8
EM 224 Aggr 250

(3) Level 3: Off 16 WO 8
EM 190 Aggr 214

Basis of allocation. One per armored cavalry squadron, armored cavalry regiment (TOE 17-55).

Category. I.

Mobility. One hundred-percent mobile in organic transportation.

17-57G Armd Cav Trp, Armd Cav Sqdn, Armd Cav Regt

Mission. To provide security and perform reconnaissance for the unit to which assigned or attached and to engage in offensive, defensive, or delaying actions as an economy-of-force unit.

Assignment. Organic to armored cavalry squadron, armored cavalry regiment (TOE 17-55).

Capabilities. a. At level 1, this unit—

(1) Performs reconnaissance and provides security for the unit to which assigned or attached.

(2) Engages in offensive, defensive, or delaying actions.

(3) Conducts independent action when properly reinforced.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. When equipped with armored reconnaissance/airborne assault vehicle:

(1) Level 1: Off 5 EM 165
Aggr 170

- (2) Level 2: Off 5 EM 148
Aggr 153
- (3) Level 3: Off 4 EM 132
Aggr 136

b. When equipped with main battle tank:

- (1) Level 1: Off 5 EM 166
Aggr 171
- (2) Level 2: Off 5 EM 149
Aggr 154
- (3) Level 3: Off 4 EM 133
Aggr 137

Basis of allocation. Three per armored cavalry squadron, armored cavalry regiment (TOE 17-55).

Category. I.

Mobility. a. One hundred-percent mobile in organic transportation.

b. When equipped with armored reconnaissance/airborne assault vehicle, this unit is 100-percent air transportable in USAF aircraft.

17-58G Air Cav Trp, Armd Cav Regt

Mission. To extend by aerial means the reconnaissance and security capabilities of armored cavalry units; to engage in offensive, defensive, or delaying actions within its capability; and to secure and dominate lightly defended areas or terrain features.

Assignment. Organic to armored cavalry regiment (TOE 17-51).

Capabilities. a. At level 1, this unit—

(1) Performs air and ground reconnaissance and provides security for the unit to which assigned or attached.

(2) Engages in offensive, defensive, or delaying actions.

(3) Conducts independent action when properly reinforced.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) Support from the direct support maintenance elements supporting the regiment.

(2) The regiment for medical and religious facilities.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

- Strength.* a. Level 1: Off 12 WO 33
EM 133 Aggr 178
- b. Level 2: Off 12 WO 31
EM 117 Aggr 160

- c. Level 3: Off 12 WO 29
EM 103 Aggr 144

Basis of allocation. One per armored cavalry regiment (TOE 17-51).

Category. I.

Mobility. One hundred-percent mobile in organic vehicles.

17-100G Sep Armd Bde

See chapter 28.

17-102G HHC, Sep Armd Bde

See chapter 28.

17-107G Armd Cav Trp, Armd Cav Sqdn, Armd Div Armd Cav Trp, Armd Cav Sqdn, Inf Div Armd Cav Trp, Armd Cav Sqdn, Inf Div (Mech) Armd Cav Trp, Sep Armd Bde Armd Cav Trp, Sep Inf Bde Armd Cav Trp, Sep Inf Bde (Mech)

Mission. To provide security and perform reconnaissance for the unit to which assigned or attached and to engage in offensive, defensive, or delaying actions as an economy-of-force unit.

Assignment. Organic to—

a. Armored cavalry squadron, armored, infantry, or infantry (mechanized) division (TOE 17-105).

b. Separate armored brigade (TOE 17-100).

c. Separate infantry brigade (TOE 7-100).

d. Separate infantry brigade (mechanized) (TOE 37-100).

Capabilities. a. At level 1, this unit—

(1) Performs reconnaissance and provides security for the unit to which assigned or attached.

(2) Engages in offensive, defensive, or delaying actions.

(3) Conducts independent action when properly reinforced.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) The USAF to provide a FAC for direct-tactical air support.

(2) The HHT for mess facilities when organic to the squadron. When organic to a separate brigade, a cellular mess team will be required from TOE 29-500.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

- Strength.* a. Level 1: Off 5 EM 161
Aggr 166
b. Level 2: Off 5 EM 145
Aggr 150
c. Level 3: Off 5 EM 131
Aggr 136

Basis of allocation. a. Three per armored cavalry squadron, armored, infantry, or infantry (mechanized) division (TOE 17-105).

- b. One per—
(1) Separate armored brigade (TOE 17-100).
(2) Separate infantry brigade (TOE 7-100).
(3) Separate infantry brigade (mechanized) (TOE 37-100).

Category. I.

Mobility. One hundred-percent mobile.

17-117G Armd Cav Trp, Sep Lt Inf Bde

Mission. To provide security and perform reconnaissance for the unit to which assigned or attached and to engage in offensive, defensive, or delaying actions as an economy-of-force unit.

Assignment. Organic to separate light infantry brigade (TOE 77-100).

Capabilities. a. At level 1, this unit—

- (1) Performs reconnaissance and provides security for the unit to which assigned or attached.
(2) Engages in offensive, defensive, or delaying actions.
(3) Conducts independent action when properly reinforced.

b. This unit is not adaptable to a type B organization.

c. This unit can perform organizational maintenance on organic equipment.

d. This unit depends on—

- (1) The brigade HQ (TOE 77-102) for unit-level medical support, administrative services, personnel services, and religious services.
(2) The brigade support battalion (TOE 29-245) to transport bulk class III and V portions of troop basic load.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

- Strength.* a. Level 1: Off 5 EM 146
Aggr 151

- b. Level 2: Off 4 EM 132
Aggr 136
c. Level 3: Off 4 EM 117
Aggr 121

Basis of allocation. One per separate light infantry brigade (TOE 77-100).

Category. I.

Mobility. a. For tactical movements, 100-percent mobile in organic vehicles, with a portion of the unit's bulk class III and V basic load transported by the brigade support battalion.

b. One hundred-percent air transportable in medium transport aircraft.

17-127G Armd Cav Trp, Sep Abn Bde

Mission. To provide security and perform reconnaissance for the unit to which assigned or attached and to engage in offensive, defensive, or delaying actions as an economy-of-force unit.

Assignment. Organic to separate airborne brigade (TOE 57-100).

Capabilities. a. At level 1, this unit—

- (1) Performs reconnaissance and provides security for the unit to which assigned or attached.
(2) Engages in offensive, defensive, or delaying actions.
(3) Conducts independent action when properly reinforced.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) The brigade HQ (TOE 57-102) for unit-level medical support and the brigade administration company (TOE 12-17) for personnel service support.

(2) The brigade support battalion (TOE 29-105) to transport bulk class III and V portions of troop basic load.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

- Strength.* a. Level 1: Off 5 EM 150
Aggr 155
b. Level 2: Off 4 EM 136
Aggr 140
c. Level 3: Off 4 EM 121
Aggr 125

Basis of allocation. One per separate airborne brigade (TOE 57-100).

Category. I.

Mobility. a. One hundred-percent mobile in

organic transportation, with a portion of the unit's bulk class III and V basic load transported by the brigade support battalion.

b. One hundred-percent air transportable in medium transport aircraft.

17-157E Tk Co, Sep Abn Bde

Mission. To close with and destroy enemy forces, using fire, maneuver, and shock effect in coordination with other arms.

Assignment. Organic to separate airborne brigade (TOE 57-100).

Capabilities. a. At full strength, this unit—

(1) Attacks or counterattacks under hostile fire.

(2) Destroys enemy armor by fire.

(3) Supports infantry (mechanized), infantry, reconnaissance, or other tank units by fire, maneuver, and shock effect.

(4) Rapidly exploits the effects of mass destruction weapons.

(5) Provides for separate company supply, administration, mess, and organizational maintenance.

b. When the gun, self-propelled, full-tracked, 90-mm antitank, airborne, is used as an interim weapon, pending availability of the armored reconnaissance/airborne assault vehicle, the company is primarily an antitank force. As such, it provides the airborne brigade with a highly mobile antitank capability.

c. This unit is not adaptable to a type B organization.

d. This unit depends on the brigade support battalion (TOE 29-105) for medical treatment.

e. Individuals of this unit can fight as infantrymen, when required. This unit can defend itself and its installations against hostile ground attack.

Strength. a. Full: Off 5 WO 1
EM 95 Aggr 101

b. Reduced: Off 4
EM 95 Aggr 99

Basis of allocation. One per separate airborne brigade (TOE 57-100).

Category. I.

Mobility. One hundred-percent air transportable in medium transport aircraft.



CHAPTER 14

MILITARY POLICE UNITS

19-47G MP ESCRG Co

Mission. To provide supervisory and security personnel for the evacuation and/or movement of enemy prisoners of war and civilian internees.

Assignment. To army. Normally attached to military police battalion HQ team AD (TOE 19-500); military police prisoner of war command or camp; TASCUM; zone of interior; and independent corps task force normally attached to the military police group (TOE 19-272).

Capabilities. a. At level 1, this unit fully executes the above mission in its assigned area to include evacuation of the following numbers of prisoners of war and/or civilian internees by the method indicated:

- (1) Marching 1,000 to 1,500.
- (2) Vehicle 1,500 to 2,000.
- (3) Railway train 2,000 to 3,000.

b. These capabilities are reduced when security is required on the march for overnight halts.

c. This unit is not adaptable to a type B organization.

d. This unit depends on the organization to which assigned for administrative and personnel services.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 4 EM 136

Aggr 140

b. Level 2: Off 4 EM 123

Aggr 127

c. Level 3: Off 4 EM 110

Aggr 114

Basis of allocation. a. One per corps.

b. Two per military police prisoner of war command for each army supported.

c. One per each military police prisoner of war brigade supported.

d. One per 1,000 to 3,000 prisoners of war or civilian internees requiring evacuation.

Category. II.

Mobility. Twenty-five-percent mobile.

19-76G HHD, MP Bn

Mission. To provide command, control, staff planning, criminal investigation, and supervision for organizational administration, training, and logistics of assigned or attached military police units.

Assignment. To FASCOM, TASCUM, zone of interior, or independent corps; normally assigned to HHD, military police brigade (TOE 19-262).

Capabilities. a. At level 1, this unit—

(1) Provides command, control, staff planning, administration, and supervision for battalion operations of from two to six military police companies.

(2) Supervises organizational supply, communications, and performance of organizational maintenance on organic equipment.

(3) Provides criminal investigation support within the battalion area of responsibility.

(4) Supervises and assists subordinate units in training and administration.

(5) Performs operational planning for the battalion, including recommendations on requirements and employment of military police units and personnel.

(6) Operates the battalion communication system.

(7) Coordinates RAP and population and resources control activities for the battalion.

(8) Provides the support element for a RAOC, when directed.

(9) Provides liaison with appropriate HQ and agencies.

(10) Provides an emergency successor control HQ if a military police company HQ is destroyed.

(11) Supervises the selecting, organizing, training, equipping, and employing of indigenous military and paramilitary police units.

b. This unit is not adaptable to a type B organization.

c. This unit depends on an AG personnel service company for organizational and direct person-

nel support to include classification, personal affairs, maintenance of personnel records, pay actions, personnel accounting, casualty reporting, rosters, and orders directing personnel actions.

d. This HQ normally is provided mess and limited vehicular organizational maintenance support by one of its subordinate companies or a supported unit; otherwise, augmentation for such services must be authorized from TOE 29-500 and TOE 29-600 series.

e. Individuals of this organization, except chaplain, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 11 WO 4
EM 44 Aggr 59

b. Level 2: Off 9 WO 4
EM 40 Aggr 53

c. Level 3: Off 9 WO 4
EM 34 Aggr 47

Basis of allocation. Normally one per two to six military police companies or their equivalent and as indicated below.

a. One per independent three-division corps.

b. One per theater HQ.

c. One per each two or more military police companies in a major city in the COMMZ having military significance.

d. Four per FASCOM supporting an eight-division, two-corps field army; one normally assigned to each corps support brigade and two to the military police brigade, FASCOM.

e. Five per FASCOM supporting a 12-division, three-corps field army; one normally assigned to each corps support brigade and two to the military police brigade, FASCOM.

f. Four per TASCOT supporting an eight-division field army.

g. Six per TASCOT supporting a 12-division field army.

h. To continental armies, as required.

Category. II.

Mobility. Sixty-five-percent mobile.

19-77G MP Co

Mission. To provide military police support for area command HQ and function-oriented operations to include traffic control; physical security; crime prevention and investigation; handling of prisoners of war and civilian internees; maintenance of discipline, law and order; and participation in RAP activities within its assigned area of responsibility.

Assignment. To zone of interior; COMMZ; field army; independent corps; division; and brigade; and other task forces, as required. Normally assigned to HHD, military police battalion (TOE 19-76).

Capabilities. a. At level 1, this unit, with respect to an area with two or three militarily important towns or cities and a population of from 15,000 to 20,000 troops—

(1) Controls traffic.

(2) Provides physical security protection for installations, facilities, and property.

(3) Provides intransit protection for critical military supplies and equipment.

(4) Controls circulation of individuals.

(5) Handles prisoners of war and civilian returnees.

(6) Rapidly deploys to affected areas to participate in RAP.

(7) Prevents crime and performs investigation.

(8) Maintains law and order.

(9) Controls from 65 to 100 miles of the main supply route.

(10) Provides—

(a) Twenty two-man, radio-equipped motor patrols on a 24-hour basis or 36 two-man, radio-equipped motor patrols on a 12-hour basis; or

(b) Twenty two-man security patrols or posts on a continuing basis or 40 one-man security patrols or posts on a continuing basis; or

(c) Up to three police stations.

(11) Provides its own unit administration, mess, supply, and maintenance, except for tracked-vehicle recovery.

b. This unit may also be organized to perform parachute entry. As such, its additional capabilities are as indicated in a above.

c. This unit is not adaptable to a type B organization.

d. This unit depends on an AG personnel service company for personnel support.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 4 EM 182
Aggr 186

b. Level 2: Off 4 EM 166
Aggr 170

c. Level 3: Off 4 EM 141
Aggr 145

Basis of allocation. a. As required in conformance with capabilities indicated in a above.

b. For initial planning purposes:

(1) In the field army, 22 per 12-division force.

(2) In the COMMZ, 34 per 12-division force.

Category. II.

Mobility. Sixty-five-percent mobile.

19-97G MP Phys Scty Co

Mission. To provide close-in physical security for special ammunition systems and classified or sensitive supplies, both intransit and static.

Assignment. To FASCOM, TASCOT, or independent corps. Normally assigned to HHD, military police bridge (TOE 19-262); and attached to HHC, ammunition battalion, direct support; or HHC, ammunition battalion, direct support/general support (TOE 9-86).

Capabilities. a. At level 1, this unit—

(1) Establishes a maximum of nine motor patrols and 24 physical security posts over a 24-hour period when the three physical security platoons are engaged in no other duties.

(2) Provides local and internal security for classified operating areas and sensitive logistic facilities to include the operation of specialized physical security devices.

(3) Provides escort and security of high-priority shipments and movements by motorized traffic patrols with an off-road capability.

(4) Controls the circulation of individuals in conjunction with physical security operations.

(5) Provides liaison with the area military police commander, as necessary, to coordinate the internal and intransit sensitive and classified physical security requirements of supported logistic units.

(6) Enforces military law, orders, and regulations.

(7) Conducts physical security surveys to evaluate the adequacy of existing safeguards and to determine the protection necessary for sensitive or critical materiel and supplies.

(8) When directed, performs as a rear area security unit.

(9) Provides organizational maintenance for organic communication and vehicular equipment.

b. At level 1, this unit may also be organized with a handler and security dog section. Under this organization, 15 dog patrols are provided to enhance the security of facilities, as required. In addition, the unit performs the capabilities indicated in a above.

c. This unit is not adaptable to a type B organization.

d. This unit depends on—

(1) Higher HQ or a supported unit for re-supply of all classes of supply.

(2) An AG personnel service unit for processing personnel administrative actions to include classification, personal affairs, maintenance of personnel records, pay actions, personnel accounting, casualty reporting, rosters, and orders directing personnel actions.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. When organized without handler and security dog section:

(1) Level 1: Off 4 EM 139
Aggr 143

(2) Level 2: Off 4 EM 125
Aggr 129

(3) Level 3: Off 4 EM 112
Aggr 116

b. When organized with handler and security dog section:

(1) Level 1: Off 4 EM 156
Aggr 160

(2) Level 2: Off 4 EM 140
Aggr 144

(3) Level 3: Off 4 EM 124
Aggr 128

Basis of allocation. a. One per ordnance special ammunition general support company (TOE 9-87).

b. To rear area security subarea control centers, as required.

Category. II.

Mobility. One hundred-percent mobile.

19-217G MP Co, PCS

Mission. a. To provide general military police service at a post, camp, station, or installation.

b. To assist the commander in maintaining order and military discipline among military personnel in civil communities adjacent to the post, camp, station, or installation.

Assignment. To zone of interior or to COMMZ in a theater of operations, as required.

Capabilities. a. At level 1, this unit, within its assigned area—

(1) Prevents and suppresses crime.

(2) Enforces military law and regulations.

(3) Assists the commander in maintaining order and military discipline among military per-

sonnel within the military reservation or among military personnel in civil communities adjacent to a military reservation.

- (4) Controls and regulates traffic.
- (5) Controls circulation of individuals.
- (6) Performs criminal investigation.
- (7) Protects property.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

- Strength.*
- a. Level 1: Off 5 WO 3
EM 127 Aggr 135
 - b. Level 2: Off 5 WO 3
EM 113 Aggr 121
 - c. Level 3: Off 5 WO 3
EM 102 Aggr 110

Basis of allocation. a. One per post, camp, station, or installation of approximately 9,000 military or military and civilian personnel served in the zone of interior.

b. One per COMMZ.

c. One per field depot or depot complex within the COMMZ.

Category. III.

Mobility. Thirty-five-percent mobile.

19-237G MP PW Proc Co

Mission. To receive, search, and process prisoners of war and civilian internees to include making and maintaining reports and records, assigning an internment serial number to each prisoner of war and civilian internee, and furnishing all compiled information to the Branch U.S. Prisoner of War/Civilian Internee Information Center.

Assignment. To TASCOC.

Capabilities. a. At level 1, this unit processes approximately 72 prisoners of war or civilian internees per hour.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

- Strength.*
- a. Level 1: Off 4 EM 105
Aggr 109
 - b. Level 2: Off 4 EM 95
Aggr 99
 - c. Level 3: Off 4 EM 85
Aggr 89

Basis of allocation. One per field army.

Category. III.

Mobility. Fifty-percent mobile in organic transportation.

19-247G MP Gd Co

Mission. To guard prisoners of war, civilian internees, military prisoners, and others in confinement and to perform security guard for military installations and facilities.

Assignment. To military police brigade. Normally attached to military police battalion HQ team AD (TOE 19-500); military police battalion (TOE 19-316); military police prisoner of war command or camp; TASCOC; zone of interior; and independent corps task force normally attached to the military police group (TOE 19-272).

Capabilities. a. At level 1, this unit—

(1) Provides guards for 15 two-man guard posts or patrols for a stockade containing military prisoners.

(2) Provides guards for five railway security train guard posts for approximately 150 miles of mainline military railroad.

(3) Provides guards for 15 two-man guard posts or patrols for prisoners of war or civilian internees at prisoner of war cages.

(4) Provides escort guards for 40 labor detail guard posts for prisoners of war at prisoner of war camps.

(5) Provides guards for 15 two-man guard posts or patrols for materiel in military installations and facilities or transport.

(6) Operates on a 24-hour basis.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) A personnel service unit (TOE 12-67) for personnel services.

(2) Finance direct support detachments for finance support services.

(3) A higher HQ or supported unit for legal, chaplain, and medical service support.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

- Strength.*
- a. Level 1: Off 4 EM 123
Aggr 127
 - b. Level 2: Off 4 EM 110
Aggr 114
 - c. Level 3: Off 4 EM 98
Aggr 102

Basis of allocation. a. One per eight- to 12-division field army for prisoner of war operations.

b. One per field army for army stockade.

c. One per TASCOM for each 500 military prisoners in stockade or rehabilitation training center.

d. One per military police prisoner of war command or camp for each 2,000 prisoners of war and/or civilian internees.

e. One per transportation railway battalion (TOE 55-225).

f. To military facilities and installations for guard purposes, as required.

Category. III.

Mobility. Twenty-five-percent mobile.

19-252G HHC, MP PW Comd

Mission. To provide command, administration, and logistic assistance to HHC, prisoner of war camp (TOE 19-256).

Assignment. To COMMZ; normally assigned to ASCOM.

Capabilities. a. At level 1, this unit provides command, administrative, and logistic assistance for—

(1) A maximum of 10 prisoner of war camps (TOE 19-256).

(2) One attached military police battalion consisting of a maximum of four companies assigned to evacuate and process prisoners of war and/or civilian internees from field army areas to prisoner of war camps.

b. This unit has personnel capabilities for both company- and battalion-level organizational maintenance of wheeled vehicles, but depends on subordinate or other units for tools to accomplish battalion-level organizational maintenance.

c. Medical services are provided by appropriate teams from TOE 8-500.

d. The unit may be augmented by attachment of appropriate legal teams from the judge advocate general service organization (TOE 27-500).

e. The unit personnel specialist normally will function in the personnel unit section of the military police battalion assigned or attached.

f. The unit may be augmented by attachment of appropriate criminal investigation teams from the military police service organization (TOE 19-500).

g. This unit is not adaptable to a type B organization.

h. Individuals of this organization, except chaplain and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 36 WO 1
EM 74 Aggr 111

b. Level 2: Off 34 WO 1
EM 65 Aggr 100

c. Level 3: Off 33 WO 1
EM 54 Aggr 88

Basis of allocation. One each per maximum of 10 HHC, prisoner of war camp (TOE 19-256).

Category. III.

Mobility. Fixed.

19-256 HHC, MP PW Camp

Mission. To provide command, administration, logistic support, and security guard for prisoners of war and/or civilian internees.

Assignment. To HHC, military police prisoner of war command (TOE 19-252).

Capabilities. a. At level 1, this unit—

(1) Performs the above mission for 12,000 individuals and one military police battalion consisting of from three to six military police companies assigned to secure the camp.

(2) Provides food, clothing, dispensary medical care, preventive medicine, and religious and recreational facilities for prisoners of war and/or civilian internees.

(3) Provides and maintains utilities, including heat, lights, water, cooking facilities, and sanitation.

(4) Provides supervision for work projects of prisoners of war and/or civilian internees.

(5) Performs organizational maintenance on organic equipment.

b. At level 1, this unit may also be organized with a rock crusher section and a vocational training section. Under this organization, the unit provides vocational training and rock-crushing facilities for construction and repair purposes, in addition to performing the capabilities indicated in a above.

c. This unit is not adaptable to a type B organization.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. When organized without rock crusher section and vocational training section:

(1) Level 1: Off 23 WO 1
EM 288 Aggr 312

- (2) Level 2: Off 23 WO 1
EM 259 Aggr 283
- (3) Level 3: Off 22 WO 1
EM 229 Aggr 252

b. When organized with rock crusher section and vocational training section:

- (1) Level 1: Off 25 WO 1
EM 303 Aggr 329
- (2) Level 2: Off 25 WO 1
EM 272 Aggr 298
- (3) Level 3: Off 24 WO 1
EM 242 Aggr 267

Basis of allocation. One per 12,000 prisoners of war and/or civilian internees or major fraction thereof.

Category. III.

Mobility. Fixed.

19-262G HHD, MP Bde

Mission. To command, plan, supervise, coordinate, and control the operations of military police groups and other assigned or attached units.

Assignment. To FASCOM or TASCOC.

Capabilities. a. At level 1, this unit—

(1) Provides command, staff planning, and supervision for the operations of two or more military police groups.

(2) Plans for future operations and makes recommendations on military police requirements and the employment of military police troops.

(3) Operates the brigade communication system, including wire and radio.

(4) Performs organizational maintenance on organic communication equipment.

(5) Coordinates and directs the rear area security activities of the military police brigade.

(6) Coordinates area damage control activities of the military police brigade.

(7) Provides an emergency successor staff to the TASCOC provost marshal section.

(8) Provides liaison with appropriate HQ.

(9) Provides an emergency successor operational HQ if a military police group HQ is destroyed.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) An AG personnel service unit for processing personnel administrative actions to include classification, personal affairs, maintenance of personnel records, pay actions, personnel accounting, casualty reporting, rosters, and orders directing personnel actions.

(2) One of the assigned or attached military police or other units for mess and motor maintenance support. When separate mess and motor maintenance facilities are required, personnel and equipment will be provided by assignment of appropriate teams from TOE 29-500 and TOE 29-600 series.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 17 WO 3
EM 41 Aggr 61

b. Level 2: Off 16 WO 2
EM 37 Aggr 55

c. Level 3: Off 15 WO 1
EM 33 Aggr 49

Basis of allocation. a. One per FASCOM.

b. One per COMMZ area, as required.

c. As required.

Category. II.

Mobility. One hundred-percent mobile.

Remarks. This unit will be replaced by HHD, military police brigade (TOE 19-262G (Corrected Copy), when published.

19-262G (Corr Cy) (FPTOE) HHD, MP Bde

Mission. To command, plan, supervise, coordinate, and control the operations of military police battalions and other assigned or attached units.

Assignment. To FASCOM or TASCOC.

Capabilities. a. At level 1, this unit—

(1) Provides command, staff planning, and supervision for the operations of two or more military police battalions.

(2) Plans for future operations and makes recommendations on military police requirements and the employment of military police troops.

(3) Operates the brigade communication system, including wire and radio.

(4) Performs organizational maintenance on organic communication equipment.

(5) Coordinates and directs the rear area security activities of the military police brigade.

(6) Coordinates area damage control activities of the military police brigade.

(7) Provides liaison with appropriate HQ.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) An AG personnel service unit for processing personnel administrative actions to include classification, personal affairs, maintenance of personnel records, pay actions, personnel ac-

counting, casualty reporting, rosters, and orders directing personnel actions.

(2) One of the assigned or attached military police or other units for mess and motor maintenance support. When separate mess and motor maintenance facilities are required, personnel and equipment will be provided by assignment of appropriate teams from TOE 29-500 and TOE 29-600 series.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 19 WO 2
EM 46 Aggr 67
b. Level 2: Off 19 WO 2
EM 40 Aggr 61
c. Level 3: Off 17 WO 2
EM 36 Aggr 55

Basis of allocation. a. One per FASCOM.

b. One per COMMZ area, as required.

c. As required.

Category. II.

Mobility. One hundred-percent mobile.

Remarks. FPTOE 19-262G (Corrected Copy) approved by ACSFOR, DA, for publication and distribution at the time of preparation of this manual. When published, this unit replace HHD, military police brigade (TOE 19-262G).

19-272G HHD, MP Gp

Mission. To provide command, staff planning, and control for operations of military police battalions and other assigned or attached units.

Assignment. To field army; TASCAM; and HHD, military police brigade (TOE 19-262). When employed with an independent corps task force, assigned to COSCOM.

Capabilities. a. At level 1, this unit provides—

(1) Command, staff planning, and control for from two to five military police battalions and such separate companies or detachments as may be assigned or attached.

(2) Supervision for and assistance to subordinate units in training, personnel, administrative, and supply matters.

(3) Operational planning for the group.

(4) Operation of the group electrical communication system, including wire and radio, to subordinate and superior echelons.

(5) Organizational maintenance for organic communication equipment.

b. This unit is not adaptable to a type B organization.

c. This unit depends on one of the assigned or attached military police battalions or other units for mess and motor maintenance support and personnel services. When operating without motor maintenance facilities, required personnel and equipment will be provided by assignment of appropriate teams from TOE 29-600.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 8 EM 31
Aggr 39
b. Level 2: Off 7 EM 29
Aggr 36
c. Level 3: Off 6 EM 26
Aggr 32

Basis of allocation. One per two to five military police battalions or equivalent units.

Category. II.

Mobility. One hundred-percent mobile.

Remarks. This unit will be replaced by HHD, military police group (TOE 19-272G (Updated Copy)).

19-272G (Updated Copy) (TOE) HHD, MP Gp

Mission. To provide command, staff planning, and control for operations of military police battalions and other assigned or attached units.

Assignment. To field army; TASCAM; and HHD, military police brigade (TOE 19-262). When employed with an independent corps task force, assigned to COSCOM.

Capabilities. a. At level 1, this unit provides—

(1) Command, staff planning, and control for from two to five military police battalions and such separate companies or detachments as may be assigned or attached.

(2) Supervision for and assistance to subordinate units in training, personnel, administrative, and supply matters.

(3) Operational planning for the group.

(4) Operation of the group electrical communication system, including wire and radio, to subordinate and superior echelons.

(5) Organizational maintenance for organic communication equipment.

b. This unit is not adaptable to a type B organization.

c. This unit depends on one of the assigned or attached military police battalions or other units

for mess and motor maintenance support and personnel services. When operating without motor maintenance facilities, required personnel and equipment will be provided by assignment of appropriate teams from TOE 29-600.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 13 WO 1
EM 35 Aggr 49

b. Level 2: Off 12 WO 1
EM 32 Aggr 45

c. Level 3: Off 12 WO 1
EM 28 Aggr 41

Basis of allocation. a. One per independent corps.

b. To FASCOM and TASCOC, as required, on the basis of one per two to five military police battalions.

Category. II.

Mobility. Sixty-five-percent mobile.

Remarks. TOE 19-272G (Updated Copy). This unit will replace HHD, military police group (TOE 19-272G).

19-282G HHC, MP PW Bde

Mission. To provide command, administration, and logistic assistance to assigned and attached units.

Assignment. To theater army; normally assigned to HQ, PERSCOM (TOE 29-111).

Capabilities. a. At level 1, this unit provides command, staff planning, and supervision for the operations of:

(1) A maximum of five prisoner of war camps (TOE 19-256).

(2) Two escort guard companies (TOE 19-47).

(3) One prisoner of war processing company (TOE 19-237).

(4) One Branch U.S. Prisoner of War/Civilian Internee Information Center (TOE 19-503).

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) An AG personnel service unit for personnel services.

(2) The area transportation system for non-organic transportation requirements to deploy and relocate unit elements.

(3) An area medical unit for medical services.

(4) The theater army signal operations command for external communications.

(5) Finance direct support units for finance services.

d. This unit performs organizational maintenance on its organic equipment.

e. Individuals of this organization, except medical and chaplain personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 27 WO 1
EM 60 Aggr 88

b. Level 2: Off 26 WO 1
EM 53 Aggr 80

c. Level 3: Off 24 WO 1
EM 45 Aggr 70

Basis of allocation. One each per maximum of five HHC, prisoner of war camp (TOE 19-256).

Category. III.

Mobility. Twenty-five-percent mobile.

19-316G HHC, MP Bn, Stkd, or Rehab Tng Cen

Mission. a. To provide command, staff planning, administration, and logistic support for a stockade or rehabilitation training center for military prisoners.

b. To provide necessary instruction, supervision, and training to rehabilitate military prisoners and permit their return to active duty.

Assignment. To TASCOC, as required.

Capabilities. a. At level 1, this unit—

(1) Performs the above mission for a maximum of 1,000 military prisoners.

(2) Provides command, staff planning, administration, and logistic support for assigned military police guard companies.

(3) Provides mess, motor maintenance, dispensary medical care, and other required services for battalion personnel and military prisoners.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) Military police guard companies (TOE 19-247) for prisoner guard services.

(2) Higher HQ for organizational maintenance of communication equipment.

d. Individuals of this unit, except chaplain and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 14 WO 2
EM 108 Aggr 124

- b. Level 2: Off 13 WO 2
EM 96 Aggr 111
- c. Level 3: Off 13 WO 2
EM 84 Aggr 99

Basis of allocation. One per 1,000 military prisoners.

Category. III.

Mobility. Fixed.

19-500E MP Svc Org

Mission. a. To provide provost marshal and military police services of widely varying character, including investigation of crime.

b. To increase the capabilities of fixed-strength units where increments of less than company size are needed.

c. To provide command and administrative personnel for military police composite units.

Assignment. Teams or combinations thereof are assigned, as required, to perform the above mission.

Capabilities. a. The capabilities of units organized under this TOE will vary with the size and groupings of the teams used. Individual team capabilities are as indicated in the detailed breakdown of teams below.

b. These teams must be furnished supply, mess, and organizational maintenance services. Administrative service will be furnished, if feasible, by the unit provided military police service; otherwise, by the administrative HQ teams (part 1) of this TOE. Mess teams and automotive maintenance teams may be drawn from TOE 29-500 and TOE 29-600 series when the supported unit cannot assume the additional burden. The number of such personnel and equipment to be requisitioned will be governed by appropriate regulations.

c. Reduced-strength teams are provided, where practicable, to facilitate structuring to specific requirements.

d. These teams are not adaptable to a type B organization.

Strength. See individual teams below for strengths.

Basis of allocation. As indicated in the detailed breakdown of individual teams below.

Category. The category of each team will depend on the area of employment of the units to which assigned or other varying conditions under which the teams may operate.

Mobility. The degree of mobility must be computed for each team or combination thereof.

Remarks. This unit will be replaced by military police service organization (TOE 19-500G), when published.

Detailed Breakdown of Teams

Part 1—Administrative Headquarters Teams Teams AA—AE

Team AA, platoon headquarters

Capabilities. Provides command and administrative control for two or more teams that operate as a component of a larger organization.

Strength. Off 1 EM 1 Aggr 2

Basis of allocation. One per two or more teams of a total strength of not less than 40 individuals that operate as a component of a larger administrative organization and to which no officer is organically assigned.

Team AB, detachment headquarters

Capabilities. Provides command, administrative, and supply capabilities required for control of two or more teams that operate separately.

Strength. Off 1 EM 5 Aggr 6

Basis of allocation. One per two or more teams of a total strength of not less than 40 or more than 74 individuals that operate separately.

Team AC, company headquarters

Capabilities. Provides command and administrative control for two or more service platoons or equivalent composition.

Strength. Off 2 EM 5 Aggr 7

Basis of allocation. One per two or more platoons or equivalent with an aggregate strength of not less than 75 or more than 200 individuals.

Team AD, battalion headquarters and headquarters detachment

Capabilities. Provides command, staff planning, and control for operations of from two to six companies.

Strength. Off 5 WO 2 EM 14 Aggr 21

Basis of allocation. a. Two per field army for prisoner of war and civilian internee operations.

b. One per transportation railway operating group to command and supervise military police companies engaged in railway security duties.

c. One per HHC, military police prisoner of war camp (TOE 19-256).

d. One per two to six separate companies, as required.

Team AE, group headquarters and headquarters detachment

Capabilities. Provides command, staff plan-

ning, and control for operations of three or more battalions.

Strength. Off 7 EM 18 Aggr 25

Basis of allocation. One per three military police battalions, field army or COMMZ, as required.

Part 2—Functional Team, Radio Maintenance

Team EA, radio maintenance

Capabilities. Provides personnel for the operation and maintenance of radio equipment in military police units not authorized a radio mechanic.

Strength. EM 1

Basis of allocation. One or more per unit, as required, based on approved criteria for organizational maintenance of radio equipment.

Part 3—Provost Marshal and Supervisory Teams FA—FE

Team FA, provost marshal section

Capabilities. Provides a provost marshal staff section, as required.

Strength. Off 3 EM 4 Aggr 7

Basis of allocation. One per installation with a combined military or military and civilian population of less than 10,000.

Team FB, provost marshal section

Capabilities. Provides a provost marshal staff section, as required.

Strength. Off 3 EM 5 Aggr 8

Basis of allocation. One per installation with a combined military or military and civilian population of more than 10,000 but less than 20,000.

Team FC, provost marshal section

Capabilities. Provides a provost marshal staff section, as required.

Strength. Off 4 EM 9 Aggr 13

Basis of allocation. One per installation with a combined military and/or civilian population of more than 20,000.

Team FD, supervisory team

Capabilities. a. At full strength, provides supervision for one or more functional teams comprising a section or squad of not less than 10 or more than 24 personnel.

b. At reduced strength, provides supervision for one or more functional teams comprising a section or squad of nine or less personnel. May supervise a section or squad of up to 24 personnel not required to operate on split- or two-shift schedules when an assistant supervisor is not otherwise required.

Strength. a. Full: EM 2

b. Reduced: EM 1

Basis of allocation. One per section or squad not otherwise provided personnel for direct supervision.

Team FE, supervisory team

Capabilities. Provides supervision for one or more functional teams comprising a section of not less than 25 or more than 39 personnel.

Strength. EM 2

Basis of allocation. One per section in lieu of or in addition to team FD or other teams, as required.

Part 4—Functional Teams, Police Desk and Record Teams GA—GD

Team GA, desk and record

Capabilities. Provides operation of a military police station during normal duty hours at a small installation, as required. Processes offenders, furnishes assistance, or provides information, as required. Accomplishes administration of records and reports.

Strength. EM 2

Basis of allocation. One per installation with a combined military and/or civilian population of less than 5,000.

Team GB, desk and record

Capabilities. a. At full strength, provides personnel and equipment required for operation of a military police station on a 24-hour basis at a military installation with a population of 10,000 or more or a large city, as required. Processes offenders, furnishes assistance, or provides information, as required. Accomplishes administration of records and reports.

b. At reduced strength, provides the above capabilities at a military installation with a population of more than 5,000 and less than 10,000.

Strength. a. Full: EM 6

b. Reduced: EM 5

Basis of allocation. a. One full-strength team per military installation of 10,000 or more military and/or civilian population or to a large city, as required.

b. One reduced-strength team per military installation of more than 5,000 and less than 10,000 military and/or civilian population or to a large city, as required.

Team GC, registration

Capabilities. a. At full-strength, provides a registration section for registration of individuals

and vehicles on military reservations or occupied areas of enemy territory with a population of more than 10,000. Registers individuals and issues credentials prescribing limits of circulation and privileges.

b. At reduced strength, provides the above capabilities for reservations or areas with a population of 10,000 or less.

Strength. a. Full: EM 3

b. Reduced: EM 2

Basis of allocation. a. One full-strength team per military police unit required to perform above functions where combined military and/or civilian population exceeds 10,000.

b. One reduced-strength team per military police unit required to perform the above functions where combined military and/or civilian population is 10,000 or less.

Team GD, identification

Capabilities. Provides fingerprinting and photographic services for desk and record team or registration teams.

Strength. EM 2

Basis of allocation. One per military police unit, as required.

Part 5—Functional Teams, Security, Enforcement, and Traffic Control Teams IA—IG

Team IA, motor patrol

Capabilities. a. At full strength, provides personnel and equipment required for a two-man, double-shift (24-hour) motor patrol engaged in traffic control, law enforcement, security, or escort functions. Provides emergency communications at scenes of accident or natural disaster. May be employed to patrol large areas outlying districts, or places of amusement in areas not covered by dismounted or combination patrols. Supervisory or other functional teams are combined, as required.

b. At reduced strength, provides the capabilities described above for a two-man, single-shift (12-hour) motor patrol. May be augmented by team ID to provide two two-man, single-shift (12-hour) motor patrols.

Strength. a. Full: EM 4

b. Reduced: EM 2

Basis of allocation. One per required patrol.

Team IB, emergency patrol

Capabilities. Provides personnel and equipment for dispatch to scenes of disturbance, accident, or natural disaster to perform crowd or riot

control, diversion or control of traffic, protection of property, temporary emergency communications, compilation of casualty lists, transport of military law offenders to military police stations, or other similar police actions. May assist other police elements or public services, as required, for the protection of life, limb, or property. Supervisory or other teams are combined, as required.

Strength. EM 7

Basis of allocation. One per military police function required to provide the above services.

Team IC, dismounted patrol

Capabilities. a. At full strength, provides personnel and equipment required for one one-man, double-shift (24-hour) dismounted patrol; two one-man, single-shift (12-hour) dismounted patrols; or one two-man, single-shift (12-hour) dismounted patrol engaged in traffic control, law enforcement, security, or escort functions. May be augmented with one team IB to provide two one-man patrols on a double-shift (24-hour) basis, one two-man patrol on a double-shift (24-hour) basis, or four one-man patrols on a single-shift (12-hour) basis. Supervisory or other teams are combined, as required.

b. At reduced strength, the capabilities described above are provided for one one-man, single-shift (12-hour) patrol.

Strength. a. Full: EM 4

b. Reduced: EM 2

Basis of allocation. One per required function as described in capabilities above.

Team ID, augmentation patrol

Capabilities. Provides personnel and equipment for the most economical extension of capabilities of motor or dismounted patrols. May be combined with other teams to provide personnel and equipment required for specialized missions such as railway guards or maximum security.

Strength. EM 3

Basis of allocation. a. One (with vehicle and mission equipment) per reduced-strength team IA, as required, to extend that team's capabilities to operate two patrols on a single-shift basis.

b. One (without vehicle or mission equipment) per full-strength team IC to provide capabilities to operate two one-man patrols on a two-shift basis.

c. One (without vehicle but with mission equipment) per reduced-strength team FD to provide capabilities to operate a four-man combination motor-dismounted patrol for military police services in a business or recreation area located in

outlying districts of larger towns or cities where no military police station is maintained. This combination motor-dismounted patrol's capabilities are limited to periods of 12 hours or less. The patrol is transported to the area by vehicle, where the personnel operate as normal dismounted patrols.

d. One (with $\frac{3}{4}$ -ton vehicle) per combination of one reduced-strength team FD and one full-strength team IC to provide capabilities to operate an eight-man combination motor-dismounted patrol for military police services described in c above.

e. One (without vehicle but with mission equipment) per reduced-strength team FD to provide capabilities to operate a four-man railway patrol for prevention or minimizing pilferage and looting of supplies and equipment from eight or less railway cars after loading and while underway.

f. One (without vehicle but with mission equipment) per combination of one reduced-strength team FD and one full-strength team IC to provide capabilities to operate two one-man patrols on a single-shift basis for preventing or minimizing pilferage and looting of supplies and equipment at railway marshaling yards, repair shops, warehouses, or other sites where large concentrations of supplies or equipment are located.

g. As required in addition to or in lieu of other teams when the most economical utilization of personnel and equipment will result.

Team IE, railway guard platoon

Capabilities. Provides guard service on trains of transportation railway operating units in theaters of operations to prevent pilferage and looting of supplies and equipment.

Strength. Off 1 EM 43 Aggr 44

Basis of allocation. One per two railroad trains.

Team IF, machinegun squad

Capabilities. Provides services required for the protection of classified, nuclear, or special weapon types of materiel.

Strength. EM 7

Basis of allocation. One or more per restricted, exclusion, or limited area containing classified, nuclear, or special weapon types of materiel, as required.

Team IG, hospital security platoon

Capabilities. Provides required military police supervisory and desk and record capabilities peculiar to fixed hospitals. May be used in conjunction with other teams of this TOE, military guards

provided by the unit to which attached, and/or indigenous guards, as required.

Strength. Off 1 EM 5 Aggr 6

Basis of allocation. One per required hospital security platoon with a composite strength of 39 or less.

Part 6—Functional Teams, Criminal Investigation Teams LA—LE

Team LA, criminal investigation

Capabilities. a. At full strength, can provide services required for the prevention and investigation of crime among military personnel and other persons subject to the Uniform Code of Military Justice.

b. At reduced strength, depends on the provost marshal section for clerical assistance.

Strength. a. Full: WO 2 EM 2

Aggr 4

b. Reduced: WO 2 EM 1

Aggr 3

Basis of allocation. a. One per 8,000 personnel subject to the Uniform Code of Military Justice.

b. To army groups, armies, separate corps, COMMZ's, separate base commands, defense commands, island commands, task forces, and military police units, as required.

Team LB, criminal investigation

Capabilities. Provides services required for the prevention and investigation of crime among military personnel and other persons subject to the Uniform Code of Military Justice.

Strength. a. Full: Off 1 WO 7

EM 6 Aggr 14

b. Reduced: Off 1 WO 4

EM 3 Aggr 8

Basis of allocation. a. One full-strength team per 30,000 personnel subject to the Uniform Code of Military Justice.

b. One reduced-strength team per 20,000 personnel subject to the Uniform Code of Military Justice.

c. To army groups, armies, separate corps, COMMZ's, subdivisions of COMMZ's, separate base commands, defense commands, island commands, task forces, and military police units, as required.

Team LC, criminal investigation

Capabilities. Provides services required for the prevention and investigation of crime among military personnel and other persons subject to the Uniform Code of Military Justice.

Strength. a. Full: Off 1 WO 13
EM 13 Aggr 27
b. Reduced: Off 1 WO 12
EM 10 Aggr 23

Basis of allocation. a. To COMMZ, as required, not to exceed one investigator per 2,500 personnel in a COMMZ subject to the Uniform Code of Military Justice.

b. To army groups, armies, separate corps, COMMZ's, subdivisions of COMMZ's, separate base commands, defense commands, island commands, task forces, and military police units, as required.

Team LD, crime laboratory

Capabilities. Provides services required to conduct investigations and examinations in all phases of scientific criminology.

Strength. Off 2 WO 7 EM 8 Aggr 17

Basis of allocation. a. One per theater of operations.

b. One per independent command, as required.

Team LE, crime laboratory training, augmentation

Capabilities. Provides augmentation to team LD for the purpose of training selected personnel in analytical subjects related to criminal investigations, i.e., chemical analysis, ballistics, fingerprint identification, and document examination.

Strength. WO 5

Basis of allocation. One per team LD when the crime laboratory is assigned an Army-wide crime analyst replacement training mission.

**Part 7—Functional Teams, Confinement Facilities
Teams MA—MI**

Team MA, administrative overhead

Capabilities. Provides command and administrative control for a confinement facility.

Strength. a. Full: Off 1 EM 7
Aggr 8

b. Reduced: Off 1 EM 5
Aggr 6

Basis of allocation. a. One full-strength team per confinement facility with a capacity of 40 prisoners. May command a temporary confinement facility housing a maximum of 50 prisoners.

b. One reduced-strength team per confinement facility with a capacity of 20 prisoners. May command a temporary confinement facility housing a maximum of 30 prisoners.

Team MB, administrative overhead

Capabilities. Provides command and administrative control for a confinement facility.

Strength. a. Full: Off 2 EM 15
Aggr 17

b. Reduced: Off 2 EM 12
Aggr 14

Basis of allocation. a. One full-strength team per confinement facility with a capacity of 125 prisoners. May command a temporary confinement facility housing a maximum of 150 prisoners.

b. One reduced-strength team per confinement facility with a capacity of 75 prisoners. May command a temporary confinement facility housing a maximum of 100 prisoners.

Team MC, administrative overhead

Capabilities. Provides command and administrative control for a confinement facility.

Strength. a. Full: Off 3 EM 23
Aggr 26

b. Reduced: Off 2 EM 20
Aggr 22

Basis of allocation. a. One full-strength team per confinement facility with a capacity of 225 prisoners. May command a temporary confinement facility housing a maximum of 250 prisoners.

b. One reduced-strength team per confinement facility with a capacity of 175 prisoners. May command a temporary confinement facility housing a maximum of 200 prisoners.

Team MD, administrative overhead

Capabilities. Provides command and administrative control for a confinement facility.

Strength. a. Full: Off 4 EM 31
Aggr 35

b. Reduced: Off 4 EM 25
Aggr 29

Basis of allocation. a. One full-strength team per confinement facility with a capacity of 350 prisoners. May command a temporary confinement facility housing a maximum of 400 prisoners.

b. One reduced-strength team per confinement facility with a capacity of 275 prisoners. May command a temporary confinement facility housing a maximum of 300 prisoners.

Team ME, guard commander

Capabilities. Provides noncommissioned officer supervision for all custodial guards on a 24-hour basis.

Strength. EM 4

Basis of allocation. One per confinement facility.

Team MF, tower

Capabilities. Provides services required to man guard towers at a confinement facility.

Strength. EM 4

Basis of allocation. One per guard tower post.

Team MG, cellblock

Capabilities. Provides services required to guard cellblocks and patrol beats within the compound at confinement facilities.

Strength. EM 4

Basis of allocation. One per cellblock post.

Team MH, turnkey

Capabilities. Provides turnkey services for assignment within confinement facilities.

Strength. EM 4

Basis of allocation. One per turnkey post.

Team MI, prisoner guard

Capabilities. Provides prisoner guard services for details outside of a confinement facility where other troops are not available.

Strength. EM 1

Basis of allocation. One per six prisoners.

Part 8—Functional Teams, Language Teams NA and NB

Team NA, language

Capabilities. a. At full strength, provides U.S. military linguists and translators where security and accuracy are mandatory. Provides supervision for indigenous interpreters and translators. May be employed at a prisoner of war camp for interview of large numbers of individuals for processing, administration, and control purposes.

b. At reduced strength, provides U.S. military linguists where security and accuracy are mandatory. Provides supervision for indigenous interpreters and translators.

Strength. a. Full: EM 3

b. Reduced: EM 2

Basis of allocation. a. One full-strength team per detachment (criminal investigation), battalion, or prisoner of war HQ unit.

b. One reduced-strength team per detachment (criminal investigation) or one per company.

Team NB, language

Capabilities. a. At full-strength, provides U.S. military linguists, translators, and supervisors where security and accuracy are mandatory. Provides supervision for indigenous interpreters and translators for processing, administration, and control of non-English-speaking personnel.

b. At reduced strength, provides U.S. military linguists, translators, and supervisors where security and accuracy are mandatory. Provides supervision for indigenous interpreters and translators. May be employed at a prisoner of war camp for interview of large numbers of individuals for processing, administration, and control purposes.

Strength. a. Full: Off 2 EM 8

Aggr 10

b. Reduced: Off 1 EM 4

Aggr 5

Basis of allocation. a. One full-strength team per prisoner of war camp HQ or provost marshal section of a large installation or city.

b. One reduced-strength team per battalion, prisoner of war camp HQ, or provost marshal section of a small base command or installation.

Part 9—Miscellaneous Military Police Support Teams Teams OA and OB

Team OA, transportation

Capabilities. Provides transportation service required for posting dismounted patrols or for other military police functions requiring additional vehicles.

Strength. EM 1

Basis of allocation. One per military police unit, as required.

Team OB, transportation

Capabilities. Provides transportation service required for posting dismounted patrols. May also provide transportation for other military police functions requiring additional vehicles for mission accomplishment.

Strength. EM 1

Basis of allocation. One or more per military police unit, as required.

Part 10—Dog Teams Teams PA—PF

Team PA, dog platoon headquarters

Capabilities. Provides command, administration, and technical control for two or more teams PE.

Strength. Off 1 EM 1 Aggr 2

Basis of allocation. One per two or more teams PE comprising a composite platoon of not more than 39 personnel.

Team PB, dismounted patrol dog team

Capabilities. Provides dog patrol security for one post for 12 hours.

Strength. EM 2

Basis of allocation. One per 12-hour sentry post.

Team PC, mounted patrol dog team

Capabilities. Provides motorized dog patrol for any area where a patrol is required, as in a restricted area or a combination area of storage sheds and a vehicle pool.

Strength. EM 1

Basis of allocation. One per motorized post for 6 hours.

Team PD, warehouse dog team

Capabilities. Provides lone dog patrol within a standard-size warehouse for a 12-hour period.

Strength. EM 1

Basis of allocation. One per each enclosed area for a 12-hour period.

Team PE, supervisory team

Capabilities. a. At full strength, provides supervision, assistance, and inspection for military police dog teams comprising not less than 10 or more than 24 personnel.

b. At reduced strength, provides the above capabilities for supervision of an element comprising nine personnel. May supervise an element comprising up to 24 personnel not required to operate on double- or split-shift schedules or when an assistant supervisor is not otherwise required.

Strength. a. Full: EM 2

b. Reduced: EM 1

Basis of allocation. One per three to five dog teams comprising an element of not more than 24 personnel.

Team PF, animal care team

Capabilities. Provides care and treatment for 20 or more dogs.

Strength. EM 1

Basis of allocation. One per 20 dogs or major fraction thereof employed in teams PB, PC, and PD.

Part 11—Functional Teams, Training and Advisory Teams QA—QH

Teams QA, headquarters and control

Capabilities. Provides command, control, and supervision for military police training and advisory operations. Also provides staff planning, advice, and assistance on military police and related matters.

Strength. Off 2 EM 3 Aggr 5

Basis of allocation. One per one or two training and advisory detachments authorized or as required to perform such other military police or

related matters.

Team QB, headquarters and control

Capabilities. Provides command, control, and supervision for military police training and advisory operations. Also provides staff planning, advice, and assistance on military police and related matters.

Strength. Off 3 EM 3 Aggr 6

Basis of allocation. One per three or more training and advisory detachments authorized or as required to perform such other military police or related missions as may be directed.

Team QC, training and advisory detachment headquarters

Capabilities. Provides supervision and control for military police training and advisory teams.

Strength. Off 1 EM 1 Aggr 2

Basis of allocation. One per two to five teams, QD, QE, QF, QG, or QH.

Team QD, riot control

Capabilities. Provides training of and advisory assistance to indigenous military and paramilitary police forces and community defense forces in riot control subjects to include riot control formations, use of riot control chemical agents and equipment, mob psychology, and police informant nets.

Strength. Off 1 EM 2 Aggr 3

Basis of allocation. As required.

Team QE, area control

Capabilities. Provides training of and advisory assistance to indigenous military and paramilitary police forces and community defense forces in area control subjects to include police patrolling (vehicle and foot); operation of checkpoints, roadblocks, and strongpoints; personnel identification systems; police informant nets; counter guerrilla operations (ambushes, raids, etc.); civil defense; police security investigations; and border patrol operations (customs enforcement control).

Strength. Off 1 WO 1 EM 1 Aggr 3

Basis of allocation. As required.

Team QF, public relations

Capabilities. Provides training of and advisory assistance to indigenous military police and paramilitary police forces in police public relations subjects to include rescue squad operations, safety planning, fire protection measures, sponsorship of civic actions, schoolboy patrols, athletic leagues, town "cleanup" (tree planting, etc.), and cooperation with other police forces and the military.

Strength. Off 1 EM 2 Aggr 3

Basis of allocation. As required.

Team QG, physical security

Capabilities. Provides training of and advisory assistance to indigenous military and paramilitary police forces and community defense forces in physical security operations to include the conduct of physical security surveys; security of ports, airports, railroads, oilfields, terminals, and similar facilities; security of critical public utilities, industrial facilities, and military installations; and security of critical and sensitive materiel.

Strength. Off 1 WO 1 EM 1 Aggr 3

Basis of allocation. As required.

Team QH, general investigation and police subjects

Capabilities. Provides training of and advisory assistance to indigenous military and paramilitary police and community defense forces in general investigation and police subjects to include circulation control of individuals, personnel identification systems, traffic control, training and supervision, military and civilian prisoners of war, law and order, criminal investigation, crime prevention, weapon instructions, communications, driving instructions, and care and maintenance of equipment.

Strength. Off 1 WO 1 EM 1 Aggr 3

Basis of allocation. As required.

**Part 12—Functional Teams, Prisoner of War
Branch Camp Facilities
Teams RA and RB**

Team RA, prisoner of war branch camp administrative overhead

Capabilities. Provides command and administrative control for a prisoner of war branch camp.

Strength. Off 1 EM 4 Aggr 5

Basis of allocation. One per prisoner of war branch camp with a minimum capacity of 50 prisoners of war to a maximum of 250 prisoners of war.

Team RB, prisoner of war branch camp administrative overhead.

Capabilities. Provides command and administrative control for a prisoner of war branch camp.

Strength. Off 1 EM 8 Aggr 9

Basis of allocation. One per prisoner of war branch camp with a minimum capacity of 251 to a maximum of 500 prisoners of war.

19-500G (FPTOE) MP Svc Org

Mission. a. To provide provost marshal and military police services of widely varying character, including investigation of crime.

b. To increase the capabilities of fixed-strength units where increments of less than company size are needed.

c. To provide command and administrative personnel for military police composite units.

Assignment. Teams or combinations thereof are assigned, as required, to perform the above mission.

Capabilities. a. The capabilities of units organized under this TOE will vary with the size and groupings of the teams used. Individual team capabilities are as indicated in the detailed breakdown of teams below.

b. These teams must be furnished supply, mess, and organizational maintenance services. Administrative service will be furnished, if feasible, by the unit provided military police service; otherwise, by the administrative HQ teams of this TOE. Mess teams and automotive maintenance teams may be drawn from TOE 29-500 and TOE 29-600 series when the supported unit cannot assume the additional burden. The number of such personnel and equipment to be requisitioned will be governed by appropriate regulations.

c. Teams at level 2 are provided, where practicable, to facilitate structuring to specific requirements.

d. These teams are not adaptable to a type B organization.

Strength. See individual teams below for strengths.

Basis of allocation. As indicated in the detailed breakdown of individual teams below.

Category. The category of each team will depend on the area of employment of the units to which assigned or other varying conditions under which the teams may operate.

Mobility. The degree of mobility must be computed for each team or combination thereof.

Remarks. FPTOE 19-500G at TAG for publication and distribution at the time of preparation of this manual. When published, this unit will replace military police service organization (TOE 19-500E).

**Detailed Breakdown of Teams
Administrative Headquarters Teams
Teams AA—AE**

Team AA, platoon headquarters

Capabilities. Provides command and administrative control for two or more teams that operate as a component of a larger organization.

Strength. Off 1 EM 1 Aggr 2

Basis of allocation. One per two or more teams of a total strength of not more than 40 individuals that operate as a component of a larger administrative organization and to which no officer is organically assigned.

Team AB, detachment headquarters

Capabilities. Provides command, administrative, and supply capabilities required for control of two or more teams that operate separately.

Strength. Off 1 EM 5 Aggr 6

Basis of allocation. One per two or more teams of a total strength of not less than 40 or more than 74 individuals that operate separately.

Team AC, company headquarters

Capabilities. Provides command and administrative control for two or more service platoons or equivalent composition.

Strength. Off 2 EM 5 Aggr 7

Basis of allocation. One per two or more platoons or equivalent with an aggregate strength of not less than 75 or more than 200 individuals.

Team AD, battalion headquarters and headquarters detachment

Capabilities. Provides command, staff planning, and control for operations of two or three companies plus other assigned or attached units that may include one or more indigenous military or paramilitary police units.

Strength. Off 6 WO 1 EM 20 Aggr 27

Basis of allocation. a. One per field army for prisoner of war and civilian internee operations.

b. One per two or three separate companies, as required.

Team AE, group headquarters and headquarters detachment

Capabilities. Provides command, staff planning, and control for operations of three or more battalions.

Strength. Off 8 EM 18 Aggr 26

Basis of allocation. One per three military police battalions, field army or COMMZ, as required.

**Provost Marshal and Supervisory Teams
Teams FA—FE**

Team FA, provost marshal section

Capabilities. Provides a provost marshal staff section, as required.

Strength. Off 3 EM 4 Aggr 7

Basis of allocation. One per installation with a combined military or military and civilian population of less than 10,000.

Team FB, provost marshal section

Capabilities. Provides a provost marshal staff section, as required.

Strength. Off 3 EM 5 Aggr 8

Basis of allocation. One per installation with a combined military or military and civilian population of more than 10,000 but less than 20,000.

Team FC, provost marshal section

Capabilities. Provides a provost marshal staff section, as required.

Strength. Off 4 EM 9 Aggr 13

Basis of allocation. One per installation with a combined military and/or civilian population of more than 20,000.

Team FD, supervisory team

Capabilities. a. At level 1, provides supervision of one or more functional teams comprising a section or squad of not less than 10 or more than 24 personnel.

b. At level 2, provides supervision for one or more functional teams comprising a section or squad of nine or less personnel. May supervise a section or squad of up to 24 personnel not required to operate on split- or two-shift schedules when an assistant supervisor is not otherwise required.

Strength. a. Level 1: EM 2

b. Level 2: EM 1

Basis of allocation. One per section or squad not otherwise provided personnel for direct supervision.

Team FE, supervisory team

Capabilities. Provides supervision for one or more functional teams comprising a section of not less than 25 or more than 39 personnel.

Strength. EM 2

Basis of allocation. One per section in lieu of or in addition to team FD or other teams, as required.

**Functional Teams, Police Desk and Record
Teams GA—GD**

Team GA, desk and record

Capabilities. Provides operation of military police station during normal duty hours at a small installation, as required. Processes offenders, furnishes assistance, or provides information, as required. Accomplishes administration of records and reports.

Strength. EM 2

Basis of allocation. One per installation with a combined military and/or civilian population of less than 5,000.

Team GB, desk and record

Capabilities. a. At level 1, provides personnel and equipment required for operation of a military police station on a 24-hour basis at a military installation with a population of 10,000 or more or a large city, as required. Processes offenders, furnishes assistance, or provides information, as required. Accomplishes administration of records and reports.

b. At level 2, provides the above capabilities at a military installation with a population of more than 5,000 and less than 10,000.

Strength. a. Level 1: EM 6

b. Level 2: EM 5

Basis of allocation. a. One level 1 team per military installation of 10,000 or more military and/or civilian population or to a large city, as required.

b. One level 2 team per military installation of more than 5,000 and less than 10,000 military and/or civilian population or to a large city, as required.

Team GC, registration

Capabilities. a. At level 1, provides a registration section for registration of individuals and vehicles on military reservations or occupied areas of enemy territory with a population of more than 10,000. Registers individuals and issues credentials prescribing limits of circulation and privileges.

b. At level 2, provides the above capabilities for reservations or areas with a population of 10,000 or less.

Strength. a. Level 1: EM 3

b. Level 2: EM 2

Basis of allocation. a. One level 1 team per military police unit required to perform above functions where combined military and/or civilian population exceeds 10,000.

b. One level 2 team per military police unit required to perform the above functions where combined military and/or civilian population is 10,000 or less.

Team GD, identification

Capabilities. Provides fingerprinting and photographic services for desk and record teams or registration teams.

Strength. EM 2

Basis of allocation. One per military police unit, as required.

Functional Teams, Security, Enforcement, and Traffic Control Teams IA—IG

Team IA, motor patrol

Capabilities. a. At level 1, provides personnel and equipment required for a two-man, double-shift (24-hour) motor patrol engaged in traffic control, law enforcement, security, or escort functions. Provides emergency communications at scenes of accident or natural disaster. May be employed to patrol large areas, outlying districts, or places of amusement in areas not covered by dismounted or combination patrols. Supervisory or other functional teams are combined, as required.

b. At level 2, provides the capabilities described above for a two-man, single-shift (12-hour) motor patrol. May be augmented by team ID to provide two two-man, single-shift (12-hour) motor patrols.

Strength. a. Level 1: EM 4

b. Level 2: EM 2

Basis of allocation. One per required patrol.

Team IB, emergency patrol

Capabilities. Provides personnel and equipment for dispatch to scenes of disturbance, accident, or natural disaster to perform crowd or riot control, diversion or control of traffic, protection of property, temporary emergency communications, compilation of casualty lists, transport of military law offenders to military police stations, or other similar police actions. May assist other police elements or public services, as required, for the protection of life, limb, or property. Supervisory or other teams are combined, as required.

Strength. EM 7

Basis of allocation. One per military police function required to provide the above services.

Team IC, dismounted patrol

Capabilities. a. At level 1, provides personnel and equipment required for one one-man, double-shift (24-hour) dismounted patrol; two one-man, single-shift (12-hour) dismounted patrols; or one two-man, single-shift (12-hour) dismounted patrol engaged in traffic control, law enforcement, security, or escort functions. May be augmented with one team ID to provide two one-man patrols on a double-shift (24-hour) basis, one two-man patrol on a double-shift (24-hour) basis, or four one-man patrols on a single-shift (12-hour) basis. Supervisory or other teams are combined, as required.

b. At level 2, the capabilities described above

are provided for one one-man, single-shift (12-hour) patrol.

Strength. a. Level 1: EM 4

b. Level 2: EM 2

Basis of allocation. One per required function as described in capabilities above.

Team ID, augmentation patrol

Capabilities. Provides personnel and equipment for the most economical extension of capabilities of motor or dismounted patrols. May be combined with other teams to provide personnel and equipment required for specialized missions such as railway guards or maximum security.

Strength. EM 3

Basis of allocation. a. One (with vehicle and mission equipment) per level 2 team IA, as required, to extend that team's capabilities to operate two patrols on a single-shift basis.

b. One (without vehicle or mission equipment) per level 1 team IC to provide capabilities to operate two one-man patrols on a two-shift basis.

c. One (without vehicle but with mission equipment) per level 2 team FD to provide capabilities to operate a four-man combination motor-dismounted patrol for military police services in a business or recreation area located in outlying districts of larger towns or cities where no military police station is maintained. This combination motor-dismounted patrol's capabilities are limited to periods of 12 hours or less. The patrol is transported to the area by vehicle, where the personnel operate as normal dismounted patrols.

d. One (with $\frac{3}{4}$ -ton vehicle) per combination of one level 2 team FD and one level 1 team IC to provide capabilities to operate an eight-man combination motor-dismounted patrol for military police services described in *c* above.

e. One (without vehicle but with mission equipment) per level 2 team FD to provide capabilities to operate a four-man railway patrol for preventing or minimizing pilferage and looting of supplies and equipment from eight or less railway cars after loading and while underway.

f. One (without vehicle but with mission equipment) per combination of one level 2 team FD and one level 1 team IC to provide capabilities to operate two one-man patrols on a single-shift basis for preventing or minimizing pilferage and looting of supplies and equipment at railway marshaling yards, repair shops, warehouses, or other sites where large concentrations of supplies or equipment are located.

g. As required in addition to or in lieu of other

teams when the most economical utilization of personnel and equipment will result.

Team IE, railway guard platoon

Capabilities. Provides guard service on trains of transportation railway operating units in theaters of operations to prevent pilferage and looting of supplies and equipment.

Strength. Off 1 EM 43 Aggr 44

Basis of allocation. One per two railroad trains.

Team IF, machinegun squad

Capabilities. Provides services required for the protection of classified, nuclear, or special weapon types of materiel.

Strength. EM 7

Basis of allocation. One or more per restricted, exclusion, or limited area containing classified, nuclear, or special weapon types of materiel, as required.

Team IG, hospital security platoon

Capabilities. Provides required military police supervisory and desk and record capabilities peculiar to fixed hospitals. May be used in conjunction with other teams of this TOE, military guards provided by the unit to which attached, and/or indigenous guards, as required.

Strength. Off 1 EM 5 Aggr 6

Basis of allocation. One per required hospital security platoon with a composite strength of 39 or less.

Functional Teams, Criminal Investigation Teams LA—LE

Team LA, criminal investigation

Capabilities. a. At level 1, can provide services required for the prevention and investigation of crime among military personnel and other persons subject to the Uniform Code of Military Justice.

b. At level 2, depends on the provost marshal section for clerical assistance.

Strength. a. Level 1: WO 2 EM 2

Aggr 4

b. Level 2: WO 2 EM 1

Aggr 3

Basis of allocation. a. One per 3,000 personnel subject to the Uniform Code of Military Justice.

b. To army groups, armies, separate corps, COMMZ's, separate base commands, defense commands, island commands, task forces, and military police units, as required.

Team LB, criminal investigation

Capabilities. Provides services required for the prevention and investigation of crime among military personnel and other persons subject to the Uniform Code of Military Justice.

Strength. a. Level 1: Off 1 WO 7
EM 6 Aggr 14
b. Level 2: Off 1 WO 4
EM 3 Aggr 8

Basis of allocation. a. One level 1 team per 15,000 personnel subject to the Uniform Code of Military Justice.

b. One level 2 team per 10,000 personnel subject to the Uniform Code of Military Justice.

c. To army groups, armies, separate corps, COMMZ's, subdivisions of COMMZ's, separate base commands, defense commands, island commands, task forces, and military police units, as required.

Team LC, criminal investigation

Capabilities. Provides services required for the prevention and investigation of crime among military personnel and other persons subject to the Uniform Code of Military Justice.

Strength. Off 1 WO 13 EM 13 Aggr 27

Basis of allocation. a. To COMMZ, as required, not to exceed one investigator per 1,000 personnel in a COMMZ subject to the Uniform Code of Military Justice.

b. To army groups, armies, separate corps, COMMZ's, subdivisions of COMMZ's, separate base commands, defense commands, island commands, task forces, and military police units, as required.

Team LD, crime laboratory

Capabilities. Provides services required to conduct investigations and examinations in all phases of scientific criminology.

Strength. Off 1 WO 8 EM 10 Aggr 19

Basis of allocation. a. One per theater of operations.

b. One per independent command, as required.

Team LE, crime laboratory training, augmentation

Capabilities. Provides augmentation to team LD for the purpose of training selected personnel in analytical subjects related to criminal investigations, i.e., forensic chemical analysis, firearms examination, fingerprint identification, document examination, and crime photography.

Strength. WO 5

Basis of allocation. One per team LD when the crime laboratory is assigned an Army-wide

crime laboratory technician replacement training mission.

Functional Teams, Correctional Facilities **Teams MA—MG and MI**

Team MA, administrative overhead

Capabilities. Provides command and administrative control for a correctional facility.

Strength. a. Level 1: Off 1 EM 12
Aggr 13
b. Level 2: Off 1 EM 10
Aggr 11

Basis of allocation. a. One level 1 team per correctional facility with a capacity of 50 prisoners.

b. One level 2 team per correctional facility with a capacity of 25 prisoners.

Team MB, administrative overhead

Capabilities. Provides command and administrative control for a correctional facility.

Strength. a. Level 1: Off 3 EM 28
Aggr 31
b. Level 2: Off 2 EM 27
Aggr 29

Basis of allocation. a. One level 1 team per correctional facility with a capacity of 150 prisoners.

b. One level 2 team per correctional facility with a capacity of 100 prisoners.

Team MC, administrative overhead

Capabilities. Provides command and administrative control for a correctional facility.

Strength. a. Level 1: Off 4 EM 34
Aggr 38
b. Level 2: Off 3 EM 33
Aggr 36

Basis of allocation. a. One level 1 team per correctional facility with a capacity of 250 prisoners.

b. One level 2 team per correctional facility with a capacity of 200 prisoners.

Team MD, administrative overhead

Capabilities. Provides command and administrative control for a correctional facility.

Strength. a. Level 1: Off 5 EM 50
Aggr 55
b. Level 2: Off 4 EM 48
Aggr 52

Basis of allocation. a. One level 1 team per correctional facility with a capacity of 250 prisoners.

b. One level 2 team per correctional facility with a capacity of 200 prisoners.

Team ME, shift correctional supervisor

Capabilities. Provides noncommissioned officer supervisor for all correctional supervisors on a 24-hour basis.

Strength. EM 4

Basis of allocation. One per correctional facility.

Team MF, tower

Capabilities. Provides services required to man guard towers at a correctional facility.

Strength. EM 4

Basis of allocation. One per guard tower post.

Team MG, correctional supervisor

Capabilities. Provides services required in prisoner supervision and control.

Strength. EM 4

Basis of allocation. One per cellblock post.

Team MI, prisoner guard

Capabilities. Provides prisoner guard services for details outside of a correctional facility where other troops are not available.

Strength. EM 1

Basis of allocation. One per six prisoners.

Functional Teams, Language Teams NA and NB

Team NA, language

Capabilities. a. At level 1, provides U.S. military linguists and translators where security and accuracy are mandatory. Provides supervision for indigenous interpreters and translators. May be employed at a prisoner of war camp for interview of large number of individuals for processing, administration, and control purposes.

b. At level 2, provides U.S. military linguists where security and accuracy are mandatory. Provides supervision for indigenous interpreters and translators.

Strength. a. Level 1: EM 3

b. Level 2: EM 2

Basis of allocation. a. One level 1 team per detachment (criminal investigation), battalion, or prisoner of war HQ unit.

b. One level 2 team per detachment (criminal investigation) or one per company.

Team NB, language

Capabilities. a. At level 1, provides U.S. military linguists, translators, and supervisors where security and accuracy are mandatory. Provides supervision for indigenous interpreters and translators for processing, administration, and control of non-English-speaking personnel.

b. At level 2, provides U.S. military linguists, translators, and supervisors where security and accuracy are mandatory. Provides supervision for indigenous interpreters and translators. May be employed at a prisoner of war camp for interview of large numbers of individuals for processing, administration, and control purposes.

Strength. a. Level 1: Off 2 EM 8

Aggr 10

b. Level 2: Off 1 EM 4

Aggr 5

Basis of allocation. a. One level 1 team per prisoner of war camp HQ or provost marshal section of a large installation or city.

b. One level 2 team per battalion, prisoner of war camp HQ, or provost marshal section of a small base command or installation.

Miscellaneous Military Police Support Team**Team OA, transportation**

Capabilities. Provide transportation service required for posting dismounted patrols or for other military police functions requiring additional vehicles.

Strength. EM 1

Basis of allocation. One per military police unit, as required.

Dog Teams Teams PA—PF

Team PA, dog platoon headquarters

Capabilities. Provides command, administration, and technical control for two or more teams PE.

Strength. Off 1 EM 1 Aggr 2

Basis of allocation. One per two or more teams PE comprising a composite platoon of not more than 39 personnel.

Team PB, dismounted patrol dog team

Capabilities. Provides dog patrol security for one post for 12 hours.

Strength. EM 2

Basis of allocation. One per 12-hour sentry post.

Team PC, mounted patrol dog team

Capabilities. Provides motorized dog patrol for any area where a patrol is required, as in a restricted area or a combination area of storage sheds and a vehicle pool.

Strength. EM 1

Basis of allocation. One per motorized post for 6 hours.

Team PD, warehouse dog team

Capabilities. Provides lone dog patrol within a standard-size warehouse for a 12-hour period.

Strength. EM 1

Basis of allocation. One per each enclosed area for a 12-hour period.

Team PE, supervisory team

Capabilities. a. At level 1, provides supervision, assistance, and inspection for military police dog teams comprising not less than 10 or more than 24 personnel.

b. At level 2, provides the above capabilities for supervision of an element comprising nine personnel. May supervise an element comprising up to 24 personnel not required to operate on double- or split-shift schedules or when an assistant supervisor is not otherwise required.

Strength. a. Level 1: EM 2

b. Level 2: EM 1

Basis of allocation. One per three to five dog teams comprising an element of not more than 24 personnel.

Team PF, animal care team

Capabilities. Provides care and treatment for 20 or more dogs.

Strength. EM 1

Basis of allocation. One per 20 dogs or major fraction thereof employed in teams PB, PC, and PD.

Functional Teams, Training and Advisory Teams QA—QH

Team QA, headquarters and control

Capabilities. Provides command, control, and supervision for military police training and advisory operations. Also provides staff planning, advice, and assistance on military police and related matters.

Strength. Off 2 EM 3 Aggr 5

Basis of allocation. One per one or two training and advisory detachments authorized or as required to perform such other military police or related matters.

Team QB, headquarters and control

Capabilities. Provides command, control, and supervision for military police training and advisory operations. Also provides staff planning, advice, and assistance on military police and related matters.

Strength. Off 3 EM 3 Aggr 6

Basis of allocation. One per three or more training and advisory detachments authorized or

as required to perform such other military police or related missions as may be directed.

Team QC, training and advisory detachment headquarters

Capabilities. Provides supervision and control for military police training and advisory teams.

Strength. Off 1 EM 1 Aggr 2

Basis of allocation. One per two to five teams QD, QE, QF, QG, or QH.

Team QD, riot control

Capabilities. Provides training of and advisory assistance to indigenous military and paramilitary police forces, community defense forces, and other appropriate police agencies in riot control subjects to include riot control formations, use of riot control chemical agents and equipment, mob psychology, and police informant nets.

Strength. Off 1 EM 2 Aggr 3

Basis of allocation. As required.

Team QE, area control

Capabilities. Provides training of and advisory assistance to indigenous military and paramilitary police forces, community defense forces, and other appropriate police agencies in area control subjects to include police patrolling (vehicle and foot); operation of checkpoints, roadblocks, and strongpoints; personnel identification systems; police informant nets; counterguerrilla operations (ambushes, raids, etc.); civil defense; police security investigations; and border patrol operations (customs enforcement control).

Strength. Off 1 WO 1 EM 1 Aggr 3

Basis of allocation. As required.

Team QF, police public relations

Capabilities. Provides training of and advisory assistance to indigenous military and paramilitary police forces and other appropriate police agencies in police public relations subjects to include rescue squad operations, safety planning, fire protection measures, sponsorship of civic actions, schoolboy patrols, athletic leagues, town "cleanup" (tree planting, etc.), and cooperation with other police forces and the military.

Strength. Off 1 EM 2 Aggr 3

Basis of allocation. As required.

Team QG, physical security

Capabilities. Provides training of and advisory assistance to indigenous military and paramilitary police forces and community defense forces in physical security operations to include the conduct of physical security surveys; security of ports, airports, railroads, oilfields, terminals,

and similar facilities; security of critical public utilities, industrial facilities, and military installations; and security of critical and sensitive materiel.

Strength. Off 1 WO 1 EM 1 Aggr 3

Basis of allocation. As required.

Team QH, general investigation and police subjects

Capabilities. Provides training of and advisory assistance to indigenous military and paramilitary police forces, community defense forces, and other appropriate police agencies in general investigation and police subjects to include circulation control of individuals, personnel identification systems, traffic control, training and supervision, military and civilian prisoners of war, law and order, criminal investigations, crime prevention, weapon instructions, communications, driving instructions, and care and maintenance of equipment.

Strength. Off 1 WO 1 EM 1 Aggr 3

Basis of allocation. As required.

Functional Teams, Prisoner of War Branch Camp Facilities

Teams RA and RB

Team RA, prisoner of war branch camp administrative overhead

Capabilities. Provides command and administrative control for a prisoner of war branch camp.

Strength. Off 1 EM 4 Aggr 5

Basis of allocation. One per prisoner of war branch camp with a minimum capacity of 50 prisoners of war to a maximum of 250 prisoners of war.

Team RB, prisoner of war branch camp administrative overhead

Capabilities. Provides command and administrative control for a prisoner of war branch camp.

Strength. Off 1 EM 8 Aggr 9

Basis of allocation. One per prisoner of war branch camp with a minimum capacity of 251 to a maximum of 500 prisoners of war.

Prisoner of War Processing Teams Teams SA—SD

Team SA, prisoner of war processing squad

Capabilities. Provides personnel to receive and process approximately eight prisoners of war or civilian internees per hour.

Strength. EM 9

Basis of allocation. One per independent division force.

Team SB, prisoner of war command advisory detachment

Capabilities. Provides command, control, and supervision of all prisoner of war and civilian internee advisory operations and advises and assists an allied or indigenous counterpart organization in complying with Geneva Convention requirements and in protecting U.S. Government interests concerning prisoners of war and civilian internees.

Strength. Off 6 EM 4 Aggr 10

Basis of allocation. One per prisoner of war or civilian internee command or comparable organization or staff section at the national military command or government level.

Team SC, prisoner of war camp advisory detachment

Capabilities. Provides advice and assistance to allied or indigenous prisoner of war or civilian internee camp authorities in maintaining proper custody and control of individuals and in abiding by the provisions of the Geneva Conventions; monitors custody operations to insure that U.S. Government interests are protected.

Strength. Off 3 EM 9 Aggr 12

Basis of allocation. One per prisoner of war or civilian internee camp.

Team SD, prisoner of war information center advisory detachment

Capabilities. Provides advice and assistance to allied or indigenous prisoner of war/civilian internee information center authorities in maintaining proper custody and control of individuals and in abiding by the provisions of the Geneva Conventions; monitors custody operations to insure that U.S. Government interests are protected.

Strength. Off 2 WO 1 EM 2 Aggr 5

Basis of allocation. One per team SB, as required. When a unit organized under TOE 19-503 exists, it will normally assume this advisory function as an additional duty.

19-503G HHD, Br U.S. PW/Civ Internee INFOCEN

Mission. To provide a central agency in a theater of operations for the receipt, processing, maintenance, dissemination, and transmittal of records and reports required by the Geneva Convention of 12 August 1949, relative to the treat-

ment of prisoners of war and the protection of civilian persons in time of war, and pertinent command directives.

Assignment. To theater army HQ; normally attached to HHC, military police prisoner of war command (TOE 19-252).

Capabilities. a. At level 1, this unit—

(1) Establishes in the theater of operations a branch of the U.S. Prisoner of War Information Center, CONUS, for the discharge of national responsibility imposed by the Geneva Convention of 12 August 1949, relative to the treatment of prisoners of war and the protection of civilian persons in time of war.

(2) Provides a centralized prisoner of war/civilian internee information service for the theater commander.

(3) Maintains specific records and prepares and disseminates reports for from 250,000 to 500,000 prisoners of war/civilian internees held by U.S. Armed Forces in a theater of operations.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) Other units for mess, personnel records administration, vehicle maintenance, and resupply of all classes of supply.

(2) Teams from TOE 29-500 or TOE 29-540 for automatic data processing support.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 6 EM 58

Aggr 64

b. Level 2: Off 6 EM 51

Aggr 57

c. Level 3: Off 6 EM 45

Aggr 51

Basis of allocation. One per theater of operations.

Category. III.

Mobility. Fixed.

CHAPTER 15

GENERAL UNITS

20-17G Mil Hist Det

Mission. In support of the DA Military History Program, to collect information in the field to supplement and amplify the factual account of events as recorded by organizations in the course of operations.

Assignment. To theater commander, under the operational control of the theater historian; may be attached to subordinate units, as required.

Capabilities. a. This unit secures factual data, as required to supplement the written record, through interviews with commanders, staff, and other personnel and prepares narratives or monographs, as required.

b. This unit depends on the command to which assigned or attached for administration, mess, supply, and other service functions.

c. This unit is designed for level 1 only.

d. This unit is not adaptable to a type B organization.

e. Individuals of this organization can engage in effective, coordinated defense of the area or installation of the unit to which attached.

Strength. Off 1 EM 1 Aggr 2

Basis of allocation. As required by theater commander, not to exceed one per division.

Category. II.

Mobility. One hundred-percent mobile.

20-20G Labor Supv Org

Mission. To provide command, administration, and labor supervision of non-U.S. labor elements such as native labor or other quasi-militarized groups and to supervise the labor of prisoners of war.

Assignment. Labor supervision units may be attached or assigned to fixed-strength units or may be organized into separate operating units to perform labor service, as required.

Capabilities. a. The capabilities of units organized under this TOE will vary with the size and groupings of the units required. The number of individuals under the command, administration,

and supervision of these units will be determined by local labor customs, laws, and U.S. military regulations. Based on U.S. military personnel standards, the following capabilities are shown as a guide, and capacity adjustments are to be made depending on local conditions:

<i>Unit</i>	<i>Capacity</i>
Section HQ -----	55 to 100 individuals
District HQ -----	101 to 250 individuals
Center HQ -----	10 districts and/or sections
Area HQ -----	10 centers

b. These units are designed for level 1 only.

c. These units are not adaptable to a type B organization.

d. These units depend on—

(1) A finance service organization for finance support.

(2) A personnel service company for personnel support.

(3) Personnel from labor elements for provision of cooks and cooks helpers.

(4) The unit to which assigned or attached or appropriate teams from TOE 29-600 for all organizational maintenance support.

e. Individuals of this organization can engage in effective, coordinated defense of their area or installation.

Strength. a. Labor supervision organization section HQ:

Off 1 EM 4 Aggr 5

b. Labor supervision organization district HQ:

Off 2 EM 6 Aggr 8

c. Labor supervision organization center HQ:

Off 4 EM 8 Aggr 12

d. Labor supervision organization area HQ:

Off 6 WO 1 EM 11
Aggr 18

Basis of allocation. On the basis of unit capacity indicated in capabilities above.

Category. III.

Mobility. Fixed.

20-500G Sci Org

Mission. a. To provide reconnaissance, surveillance, and patrol capability in arctic and sub-arctic areas.

b. To conduct guerrilla warfare operations in assigned areas.

Assignment. Normally to theater army.

Capabilities. a. The capabilities of the units organized under this TOE will vary with the size and groupings of the teams used. Capabilities for each individual team are as indicated in the detailed breakdown of teams below. The scout organization, when organized as a typical scout battalion, is area oriented and—

(1) Maintains constant surveillance over an assigned geographical area, adjacent waters, and offshore islands and reports information obtained to the theater army intelligence center.

(2) Furnishes guides to friendly units and assists in area security missions.

(3) Remains behind as a covert force, maintaining surveillance over enemy forces.

(4) Conducts limited combat patrol activities to harass, delay, and/or destroy enemy forces.

(5) Performs area search and rescue missions, recovers downed aircrews, and assists the civilian population, as required, within unit capabilities.

(6) Provides a reconnaissance and surveillance platoon, trained and equipped to conduct extended ground reconnaissance and patrolling anywhere in the battalion area.

(7) Provides the necessary logistic and administrative support for assigned teams.

b. This unit is not adaptable to levels 2 and 3 or to a type B organization.

c. Individuals of this organization, except chaplain and medical personnel, can engage in effective, coordinated defense of their area or installation.

Strength. See individual teams below for strengths.

Basis of allocation. Normally two scout organizations per theater army. A typical scout battalion may consist of all or any combination of teams; however, the allocations indicated for the individual teams below will provide a typical battalion.

Category. I.

Mobility. The degree of mobility must be computed for each combination of teams and/or composite units to be formed.

Detailed Breakdown of Teams Headquarters Teams Teams AA—AC

Team AA, reconnaissance and surveillance platoon headquarters

Capabilities. a. Commands and controls a scout battalion reconnaissance and surveillance platoon consisting of the platoon HQ and from six to eight teams GB and GC. This platoon is normally stationed in interior communities not readily incorporated into the area of a scout company and operates as a self-contained unit under battalion control.

b. Can conduct long-range reconnaissance and surveillance patrols.

Strength. Off 1 EM 10 Aggr 11

Basis of allocation. One per typical scout battalion.

Team AB, scout company headquarters

Capabilities. a. Commands and controls a scout company consisting of the company HQ and from 10 to 24 teams GB and GC.

b. Provides commissioned and senior noncommissioned patrol leaders for missions using four or more scout teams.

c. Operates a unit medical treatment facility and provides repair and maintenance support for team radios.

Strength. Off 4 EM 14 Aggr 18

Basis of allocation. Six per typical scout battalion.

Team AC, scout battalion headquarters and headquarters detachment

Capabilities. a. Commands and controls a scout battalion consisting of the battalion HQ and as many as six scout companies. Provides staff planning and supervision for operations, reconnaissance, surveillance, administration, supply, and maintenance.

b. Performs organizational maintenance on all organic equipment.

c. Operates a medical treatment facility.

d. Operates a mess facility in the battalion HQ area.

Strength. Off 10 WO 2 EM 50 Aggr 62

Basis of allocation. One per typical scout battalion.

Support Teams Teams FA and FB

Team FA, battalion aviation section

Capabilities. Provides aviation support for the scout battalion to include liaison, personnel transportation, reconnaissance, evacuation, and limited tactical airlift.

Strength. Off 1 WO 2 EM 6 Aggr 9

Basis of allocation. One per typical scout battalion.

Team FB, battalion medical section

Capabilities. Provides the scout battalion unit-level medical care, including evacuation. Establishes a battalion medical aid station and operates a limited medical holding-type dispensary.

Strength. Off 1 EM 7 Aggr 8

Basis of allocation. One per typical scout battalion.

Operational Teams Teams GA—GC

Team GA, battalion observer team

Capabilities. a. Establishes one or two forward listening and observation posts, usually in sparsely populated areas or offshore islands. Operates directly under battalion control and has organic communications.

b. Can move on any terrain and under any weather conditions in the arctic, using any type of appropriate transportation. Is air transportable.

Strength. EM 6

Basis of allocation. One per typical scout battalion.

Team GB, scout team

Capabilities. a. Operates as an element of either the scout company (team AB) or the reconnaissance and surveillance platoon (team AA), independently or in concert with other scout teams.

b. Conducts reconnaissance, surveillance, guide, security, and search and rescue missions.

c. Can move on any terrain and under any weather conditions in the arctic on foot or using any type of appropriate transportation. Is air transportable.

Strength. EM 5

Basis of allocation. Sixty-nine per typical scout battalion.

Team GC, senior scout team

Capabilities. a. Has the same capabilities as team GB above.

b. Additionally, this team normally is used either when it is the only team in a village or as the command element for villages and patrols in which there are up to three scout teams. The senior team leader is the patrol leader and the non-commissioned officer in charge in the village.

Strength. EM 5

Basis of allocation. Fifty-four per typical scout battalion.



CHAPTER 16

JUDGE ADVOCATE GENERAL UNITS

27-500G JAG Svc Org

Mission. a. To perform the excess operational judge advocate functions in a field or a combat situation and to dispose of the unusual types of legal workload generated under conditions of hostility.

b. To provide augmentation, as required, for variable-strength organizations.

c. To effectuate mobility and flexibility of professional personnel commensurate with varying peak workloads within the units concerned.

d. To provide maximum efficient utilization of professional personnel.

Assignment. Teams will be assigned or attached in accordance with theater army directives. Teams will be theater army troops but will be assigned or attached normally to an army or corresponding support command and attached to lower echelons only for such periods as workloads justify.

Capabilities. a. The capabilities of teams organized under this TOE will vary with the size and groupings of the teams used. Individual team capabilities are as indicated in the detailed breakdown of teams below.

b. These units are designed for level 1 only.

c. This unit is not adaptable to a type B organization.

d. Appropriate administrative and maintenance functions not herein provided are the responsibility of the commander to whose unit the judge advocate general service team is attached or assigned.

e. Individuals of this organization can engage in effective, coordinated defense of their area or installation.

Strength. See individual teams below for strengths.

Basis of allocation. Allocations normally are as indicated in the detailed breakdown of teams below.

Category. III.

Mobility. The degree of mobility must be computed for each specific combination of teams used.

**Detailed Breakdown of Teams
Judge Advocate Headquarters Teams
Teams AA and AB**

Team AA, judge advocate headquarters

Capabilities. Provides administration, control, and operational supervision for one or more judge advocate cellular units.

Strength. Off 2 EM 2 Aggr 4

Basis of allocation. One per one or more judge advocate teams of a total strength of not less than 40 individuals.

Team AB, judge advocate headquarters

Capabilities. Has the same capabilities as team AA.

Strength. Off 4 WO 1 EM 4 Aggr 9

Basis of allocation. One per six or more judge advocate teams of a total strength of not less than 100 individuals.

**Claims Service Teams
Teams FA—FC**

Team FA, investigation

Capabilities. Performs complete investigative service to include preparation for adjudication of all claims arising in the area to which assigned. Provides actual investigation, contact with claimant, and collection of evidence in individual claims.

Strength. Off 1 EM 3 Aggr 4

Basis of allocation. Three per corps, three per army, and one per 10,000 troops in the COMMZ.

Team FB, control-adjudicating

Capabilities. Supervises the work of from three to seven teams FA and adjudicates the small claims processed by those teams within applicable jurisdictional limits.

Strength. Off 2 WO 1 EM 7 Aggr 10

Basis of allocation. One per three to seven teams FA.

Team FC, adjudicating

Capabilities. Adjudicates all claims arising within the area to which assigned that are in excess of the jurisdictional limit of a one-man claims commission and are within the jurisdictional limitations of a three-man claims commission.

Strength. Off 3 WO 1 EM 7 Aggr 11

Basis of allocation. One per three to seven teams FB.

**War Crimes Teams
Teams GA and GB**

Team GA, investigation

Capabilities. Performs on-the-scene investigation, interrogation, and gathering of photographic, documentary, and testimonial evidence in connection with the necessary war crimes investigatory work in the area to which assigned.

Strength. Off 2 EM 2 Aggr 4

Basis of allocation. Three per corps, three per army, and one per 15,000 troops in the COMMZ.

Team GB, control

Capabilities. Exercises operational control over from three to seven teams GA. Directs and supervises investigation of war crimes by teams GA. Collects evidence gathered by teams GA and processes this evidence to the central war crimes HQ.

Strength. Off 2 WO 1 EM 2 Aggr 5

Basis of allocation. One per three to seven teams GA.

**General Court-Martial Trial Teams
Teams HA and HB**

Team HA, general court-martial trial

Capabilities. Performs, as a self-contained unit, all operational aspects of general court-martial cases.

Strength. Off 3 EM 3 Aggr 6

Basis of allocation. One per 17,000 corps troops in excess of 15,000; one per 17,000 army troops in excess of 35,000; one per 12,000 troops in the COMMZ.

Team HB, general court-martial trial

Capabilities. Performs, as a self-contained unit, all operational aspects of general court-martial cases.

Strength. Off 5 EM 5 Aggr 10

Basis of allocation. One per 34,000 army troops in excess of 35,000; one per 34,000 corps troops in excess of 15,000; one per 24,000 troops

in the COMMZ; one per corps in addition to the foregoing; one per 90,000 army troops in addition to the foregoing; one per 75,000 troops in the COMMZ in addition to the foregoing.

**Legal Assistance Teams
Teams IA and IB**

Team IA, legal assistance

Capabilities. Provides legal assistance to service personnel. May be employed as circuit riders to assist troops in inaccessible areas.

Strength. Off 1 EM 2 Aggr 3

Basis of allocation. One per 15,000 troops in the COMMZ; one per 15,000 corps troops in excess of 15,000; one per 15,000 army troops in excess of 30,000; one per 15,000 troops in each rest area; one per 10,000 beds in a hospital area.

Team IB, legal assistance

Capabilities. Controls the activities of from five to nine teams IA and assists in the more difficult legal assistance problems.

Strength. Off 1 EM 3 Aggr 4

Basis of allocation. One per five to nine teams IA.

**Procurement Law Teams
Teams JA—JE**

Team JA, contract law

Capabilities. Reviews contracts and related documents for legal sufficiency and conformance with regulations and policy. Assists contracting officers in the general negotiation of contracts and contract clauses. Interprets laws and regulations pertaining to contracts; promulgates necessary regulations; maintains liaison with other Government agencies; and furnishes legal advice on all phases of the administration of contracts.

Strength. Off 9 EM 5 Aggr 14

Basis of allocation. Normally assigned to army or corresponding support commands in a COMMZ, as required by their particular mission.

Team JB, property law

Capabilities. Acts for the commander on legal problems concerning disposal, sale, lease, and loan of property, and use thereof, in aid of military or civil authority. Interprets and promulgates necessary regulations. Reviews industrial facilities and Government-owned, contract-operated contracts and gives advice on all aspects of the administration of contracts.

Strength. Off 5 EM 3 Aggr 8

Basis of allocation. Same as for team JA.

Team JC, frauds

Capabilities. Takes appropriate action on matters involving suspected criminal conduct or fraudulent activity on the part of military personnel or civilian employees of DA or by private companies, organizations, or individuals in connection with procurement activities.

Strength. Off 4 EM 2 Aggr 6

Basis of allocation. Same as for team JA.

Team JD, labor relations

Capabilities. Acts for the commander to prevent labor stoppages that might adversely affect military procurement. Considers noncompliances with labor laws by Government contractors. Maintains liaison with other Government agencies in this field.

Strength. Off 6 EM 3 Aggr 9

Basis of allocation. Normally assigned to army or corresponding support command, as required by its particular mission.

Team JE, fiscal law

Capabilities. Takes appropriate action on all matters pertaining to taxes imposed by governmental taxing authorities against Army contracts and/or any instrumentalities; Government financing by advance payments and guaranteed loans; import and export duties; and excise taxes.

Strength. Off 5 EM 2 Aggr 7

Basis of allocation. Same as for team JA.

Note. The JAG-75 study recommends that the following proposed teams JA and JB replace the current teams JA—JE shown above:

Team JA, procurement law (proposed)

Capabilities. Reviews contracts for legal sufficiency and conformance with regulations and policy; assists and provides legal advice to contracting officers in negotiating and administering contracts; and provides legal advice regarding the acquisition and disposition of property, suspected fraud or criminal conduct in contract performance, labor relations, and taxation.

Strength. Off 1 EM 2 Aggr 3

Basis of allocation. Normally assigned to the senior Service support HQ in the COMMZ for employment as required by the volume of procurement activity.

Team JB, procurement law (proposed)

Capabilities. Reviews contracts for legal sufficiency and conformance with regulations and policy; assists and provides legal advice to contracting officers in negotiating and administering contracts; and provides legal advice regarding the acquisition and disposition of property, suspected fraud or criminal conduct in contract performance, labor relations, and taxation.

Strength. Off 2 EM 2 Aggr 4

Basis of allocation. Same as for team JA (proposed).



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CHAPTER 17

COMPOSITE UNITS

29-75G Spt Bn, Sep Armd Bde Spt Bn, Sep Inf Bde (Mech)

Mission. To provide separate brigade-level supply, field maintenance, medical service, and miscellaneous services for all elements of the brigade, assigned or attached.

Assignment. Organic to separate armored brigade (TOE 17-100) or separate infantry brigade (mechanized) (TOE 37-100).

Capabilities. a. At level 1, this unit—

(1) Provides separate brigade-level logistic support to include mobile intransit storage and distribution of class I, II, III, and IV supplies and control of class V supplies.

(2) Provides direct support maintenance support, except for aircraft, medical, and cryptographic items.

(3) Provides division-level medical service, including evacuation, establishment and operation of clearing stations, emergency dental treatment, and medical supply.

(4) Has a limited capability to carry brigade reserve supplies.

(5) Provides staff advice to the separate brigade commander on all supply and maintenance functions, except those concerned with medical and cryptographic materiel and water supply, and on transportation matters pertaining to operations of the support battalion.

(6) Provides personnel administrative services for organic and attached units of the brigade.

b. This unit is not adaptable to a type B organization.

c. When the mission to be performed or the workload imposed on this unit exceeds the capabilities indicated above, the additional capabilities required must be provided from appropriate cellular teams of the 500- and 600-series TOE or by the establishment of an MTOE under the provisions of AR 310-31.

d. Individuals of this organization, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 51 WO 7
EM 741 Aggr 799
b. Level 2: Off 51 WO 7
EM 676 Aggr 734
c. Level 3: Off 48 WO 7
EM 614 Aggr 669

Basis of allocation. One per separate armored brigade (TOE 17-100) or separate infantry brigade (mechanized) (TOE 37-100).

Category. II.

Mobility. For mobility of the components of this battalion, see applicable TOE extracts.

Components. a. One HHD (TOE 29-76G).

b. One administration company (TOE 12-177G).

c. One medical company (TOE 8-147G).

d. One supply and transport company (TOE 29-77G).

e. One maintenance company (TOE 29-79G).

29-76G HHD, Spt Bn, Sep Armd Bde HHD, Spt Bn, Sep Inf Bde HHD, Spt Bn, Sep Inf Bde (Mech)

Mission. To provide command and control for the brigade support battalion's organic and attached units, except operational control for the brigade special staff elements of the administration company, separate armored, infantry, or infantry (mechanized) brigade (TOE 12-177G).

Assignment. Organic to support battalion, separate armored or infantry (mechanized) brigade (TOE 29-75), or support battalion, separate infantry brigade (TOE 29-135).

Capabilities. a. At level 1, this unit—

(1) Provides supervision and control for logistic operations of a brigade consisting of from two to five maneuver battalions and normal supporting units.

(2) Advises the brigade commander on supply and maintenance operations.

(3) Provides nontechnical training for personnel and units of the brigade support battalion.

(4) Supervises routine unit administration and supply within the brigade support battalion.

(5) Conducts inspections to determine the fitness of the brigade support battalion and attached units to perform tactical functions in the field.

(6) Consolidates and disseminates information to brigade support battalion and higher HQ.

(7) Coordinates RAP plans for the brigade rear area.

b. This unit is not adaptable to a type B organization.

c. When the mission to be performed or the workload imposed on this unit exceeds the capabilities indicated above, the additional capabilities required must be provided from appropriate cellular teams of the 500- and 600-series TOE or by the establishment of an MTOE under the provisions of AR 310-31.

d. This unit depends on—

(1) The administration company, separate armored, infantry, or infantry (mechanized) brigade, for personnel administrative services.

(2) The supply and transport company for mess and battalion-level maintenance.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 11 EM 59
Aggr 70

b. Level 2: Off 11 EM 55
Aggr 66

c. Level 3: Off 10 EM 50
Aggr 60

Basis of allocation. One per support battalion, separate armored or infantry (mechanized) brigade (TOE 29-75), or support battalion, separate infantry brigade (TOE 29-135).

Category. II.

Mobility. One hundred-percent mobile.

**29-77G S&T Co, Spt Bn, Sep Armd Bde
S&T Co, Spt Bn, Sep Inf Bde
S&T Co, Spt Bn, Sep Inf Bde (Mech)**

Mission. a. To support the brigade and attached units by providing class I, III, and II and IV supplies, except medical and repair parts, and aircraft parts and supplies.

b. To provide graves registration service, clothing exchange and bath service, map supply service, and classification and disposal of unserviceable equipment.

c. To provide and operate ground transportation required for unit distribution of class I, III,

II and IV, and V supplies, when authorized.

d. To maintain and transport the brigade reserve of supplies for which responsible.

Assignment. Organic to support battalion, separate armored or infantry (mechanized) brigade (TOE 29-75), or support battalion, separate infantry brigade (TOE 29-135).

Capabilities. a. At level 1, this unit—

(1) Provides and distributes supplies to the brigade and attached units and maintains the brigade reserve of supplies for which responsible.

(2) Provides messing and battalion-level maintenance support for the HHD, support battalion.

(3) Provides map supply service, graves registration service, and clothing exchange and bath service for the brigade.

(4) Provides limited purchasing and contracting services.

(5) Provides salvage service for abandoned material and supplies of all types except toxic gases, ammunition, explosives, motor vehicles, and certain signal equipment.

(6) Based on 75-percent vehicle availability, transports in one lift approximately—

(a) 36,500 gallons of bulk petroleum when supporting a separate armored brigade or infantry brigade (mechanized), or

(b) 29,000 gallons of bulk petroleum when supporting a separate infantry brigade.

(c) 150 short tons of general cargo.

b. This unit is not adaptable to a type B organization.

c. This unit depends on the administration company, separate armored, infantry, or infantry (mechanized) brigade (TOE 12-177) for personnel services.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 5 EM 175
Aggr 180

b. Level 2: Off 5 EM 151
Aggr 156

c. Level 3: Off 5 EM 132
Aggr 137

Basis of allocation. One per support battalion, separate armored or infantry (mechanized) brigade (TOE 29-75), or support battalion, separate infantry brigade (TOE 29-135).

Category. II.

Mobility. One hundred-percent mobile.

**29-79G Maint Co, Spt Bn, Sep Armd Bde
Maint Co, Spt Bn, Sep Inf Bde
(Mech)**

Mission. a. To provide staff planning, coordination, and supervision for separate brigade maintenance activities.

b. To provide direct support maintenance and repair parts supply service for the brigade, except for aircraft, medical, cryptographic, and quartermaster air items.

Assignment. Organic to the support battalion, separate armored or infantry (mechanized) brigade (TOE 29-75).

Capabilities. a. At level 1, this unit—

(1) Provides 100-percent direct support maintenance in support of a separate armored brigade consisting of the authorized brigade base, two tank battalions, and one infantry battalion (mechanized). Provides 100-percent direct support maintenance in support of a separate infantry brigade (mechanized) consisting of the authorized brigade base, two infantry battalions (mechanized), and one tank battalion.

(2) Plans and directs all direct support maintenance and repair parts supply activities for all equipment of the brigade except aircraft, medical, and cryptographic.

(3) Provides limited vehicular evacuation assistance to supported units.

(4) Receives, stores, and issues all repair parts.

(5) Maintains an operational readiness float and operates direct exchange service for selected items.

(6) Provides technical supervision over the conduct of maintenance functions throughout the brigade.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 8 WO 4
EM 258 Aggr 270
b. Level 2: Off 8 WO 4
EM 252 Aggr 264
c. Level 3: Off 8 WO 4
EM 243 Aggr 255

Basis of allocation. One per support battalion, separate armored or infantry (mechanized) brigade (TOE 29-75).

Category. II.

Mobility. One hundred-percent mobile.

29-99G Maint Co, Spt Bn, Sep Inf Bde

Mission. a. To provide staff planning, coordination, and supervision for separate brigade maintenance activities.

b. To provide direct support maintenance and repair parts supply service for brigade, except for medical, cryptographic, and quartermaster air items.

Assignment. Organic to support battalion, separate infantry brigade (TOE 29-135).

Capabilities. a. At level 1, this unit—

(1) Provides a 100-percent direct support maintenance capability in support of a separate infantry brigade consisting of the authorized brigade base, two infantry battalions, and one tank battalion.

(2) Plans, coordinates, and supervises all direct support maintenance repair part supply activities for all equipment of the separate brigade, except for medical, cryptographic, and quartermaster air items.

(3) Provides limited vehicular evacuation assistance to supported units.

(4) Receives, stores, and issues all repair parts.

(5) Maintains an operational readiness float and operates a direct exchange service for selected items.

(6) Provides technical supervision over the conduct of maintenance functions throughout the brigade.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 9 WO 5
EM 246 Aggr 260
b. Level 2: Off 9 WO 5
EM 239 Aggr 253
c. Level 3: Off 9 WO 5
EM 233 Aggr 247

Basis of allocation. One per support battalion, separate infantry brigade (TOE 29-135).

Category. II.

Mobility. One hundred-percent mobile.

29-102G HHC, Spt Gp

Mission. a. To command and control assigned and attached units.

b. To provide technical supervision over subordinate unit mission operations, except for stock control, maintenance management, and personnel administrative functions.

c. To provide cryptologic support.

d. To plan, coordinate, and supervise RAP activities within the assigned area of responsibility.

Assignment. Normally to support brigade of the FASCOM; may be assigned to support brigade of an independent corps or division force.

Capabilities. a. At level 1, this unit—

(1) Provides command, control, staff planning, and supervision of any combination of battalions and separate companies providing supply, maintenance, and field service support up to the equivalent of seven battalions.

(2) Exercises technical supervision over mission operations of subordinate units, except for stock control, maintenance management, and personnel administrative support functions.

(3) Plans for, coordinates, and supervises RAP missions assigned the HQ.

(4) Performs organizational maintenance on organic equipment.

(5) When employed with a corps support brigade, provides the following cryptologic supply and maintenance support (including paper aids and repair parts):

(a) General support to two divisions and approximately half of the units of a corps area, including the corps signal battalion.

(b) Direct support to approximately half of the units of a corps area, except units of the corps signal battalion.

(c) Organizational maintenance support to approximately half of the units of a corps area, except units of the corps signal battalion, having no organic cryptographic maintenance capabilities.

(d) An office of record and issue for supported units.

(6) When employed with an army support brigade, provides cryptologic supply and maintenance support (including paper aids and repair parts) for approximately one-half of an army service area as follows:

(a) General support to include units assigned to the army signal brigade.

(b) Direct support, except for units assigned to the army signal brigade.

(c) Organizational maintenance support to units having no organic cryptographic maintenance

capabilities, excluding units assigned to the army signal brigade.

(d) Storage and maintenance of a proportionate share (one-half) of the field army cryptographic reserve stocks.

(e) Backup support for cryptologic platoons (when employed with the corps support brigade) assigned to support groups employed in the corps areas.

(f) An office of record and issue for supported units.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) Other units for transportation for displacement and for medical services.

(2) An AG personnel service unit for processing personnel administrative actions to include classification, personal affairs, maintenance of personnel records, pay actions, personnel accounting, casualty reporting, rosters, and orders directing personnel actions.

d. Individuals of this organization, except chaplains, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. When employed with corps support brigade:

(1) Level 1: Off 22 WO 4
EM 116 Aggr 142
(2) Level 2: Off 20 WO 4
EM 104 Aggr 128
(3) Level 3: Off 18 WO 4
EM 92 Aggr 114

b. When employed with army support brigade:

(1) Level 1: Off 22 WO 4
EM 149 Aggr 175
(2) Level 2: Off 20 WO 4
EM 134 Aggr 158
(3) Level 3: Off 18 WO 4
EM 119 Aggr 141

Basis of allocation. Normally two per support brigade.

Category. II.

Mobility. Eighty-percent mobile.

29-105G Spt Bn, Sep Abn Bde

Mission. To provide brigade-level supply, direct support maintenance, medical service, air equipment support and miscellaneous services for all assigned or attached elements of the separate airborne brigade.

Assignment. Organic to separate airborne brigade (TOE 57-100).

Capabilities. a. At level 1, this unit—

(1) Lands by parachute or aircraft.

(2) Provides brigade-level supply support to include the storage and distribution of supplies of all classes except water and cryptographic material. Has a limited capability to carry the brigade reserve of supplies.

(3) Provides direct support maintenance for all equipment, except for medical and cryptographic materiel.

(4) Provides brigade-level medical service, including evacuation, establishment and operation of a clearing station, emergency dental treatment, and medical supply.

(5) Provides air equipment supply and maintenance support for the brigade.

(6) Provides personnel administrative services for the brigade.

(7) Provides advice to the brigade commander and staff on supply, transportation, service, maintenance, and medical matters for which the support battalion is responsible.

(8) Provides graves registration service and clothing exchange and bath service to the brigade.

b. This unit is not adaptable to a type B organization.

c. When the mission to be performed or the workload imposed on this unit exceeds the capabilities indicated above, the additional capabilities required must be provided from appropriate cellular teams of the 500- and 600-series TOE or by the establishment of an MTOE under the provisions of AR 310-31.

d. When employed in garrison, in marshaling areas, or for an extended period in support of sustained ground combat operations, this unit depends on backup theater service support units for supply, maintenance, medical, and service support to supplement organic capabilities and to provide nonorganic support capabilities that may be required.

e. Individuals of this organization, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 44 WO 9
EM 547 Aggr 600

b. Level 2: Off 43 WO 9
EM 497 Aggr 549

c. Level 3: Off 39 WO 9
EM 452 Aggr 500

Basis of allocation. One per separate airborne brigade.

Category. II.

Mobility. For mobility of the components of this battalion, see applicable TOE extracts.

Components. a. One HHD (TOE 29-106G).

b. One administration company (TOE 12-167G).

c. One medical company (TOE 8-167G).

d. One supply and service company (TOE 29-107G).

e. One maintenance company (TOE 29-109G).

29-106G HHD, Spt Bn, Sep Abn Bde

Mission. a. To provide command and control for the brigade support battalion's organic and attached units, except operational control of the brigade special staff element of the administration company, separate airborne brigade (TOE 12-167).

b. To provide limited signal center service for units near the brigade support battalion, supplemental to their organic capabilities.

Assignment. Organic to support battalion, separate airborne brigade (TOE 29-105).

Capabilities. a. At level 1, this unit—

(1) Provides supervision and control for organic and attached units that provide combat service support to the separate airborne brigade.

(2) Advises the brigade commander and staff on supply, transportation, service, maintenance, and medical matters for which the support battalion is responsible.

(3) Provides nontechnical training for personnel of the support battalion.

(4) Supervises routine unit administration and organizational supply and maintenance activities within the support battalion.

(5) Conducts inspections to determine the fitness of the support battalion and attached logistic units to perform tactical functions in the field.

(6) Coordinates RAP plans for the brigade rear area.

(7) Consolidates and disseminates information to the support battalion and higher HQ.

(8) Provides transportation staff services for the brigade.

(9) Provides internal communications for this unit and installs and operates a signal center to provide limited external communication service for the support battalion and units in the vicinity, supplemental to their organic capabilities, to include operation on a 24-hour basis of—

(a) Message center, motor messenger, cryptographic, and teletypewriter services.

(b) Manual telephone switchboard and local telephone systems.

(c) RATT service.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) The administration company, separate airborne brigade (TOE 12-167), for personnel services.

(2) The supply and service company, separate airborne brigade (TOE 29-107), for messing and organizational motor maintenance (to include maintenance data records and reports).

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 11 WO 1
EM 54 Aggr 66
b. Level 2: Off 10 WO 1
EM 49 Aggr 60
c. Level 3: Off 9 WO 1
EM 45 Aggr 55

Basis of allocation. One per support battalion, separate airborne brigade (TOE 29-105).

Category. II.

Mobility. One hundred-percent mobile in organic transportation; 100-percent air transportable in medium transport aircraft.

29-107G S&S Co, Spt Bn, Sep Abn Bde

Mission. a. To support the brigade and attached units by providing—

(1) All classes of supply, except for medical supplies, repair parts, cryptographic material, water, and aircraft parts and supplies.

(2) Airdrop equipment support to include the requisition; inspection; packing; storage; maintenance; issue of airdrop equipment required for airdrop of personnel, supplies, and equipment; and inspection and technical assistance in packing, rigging, and loading of supplies and equipment.

(3) To provide graves registration service and clothing exchange and bath service.

b. To maintain a selected portion of the brigade reserve of supplies for which the unit is responsible.

Assignment. Organic to support battalion, separate airborne brigade (TOE 29-105).

Capabilities. a. At level 1, this unit—

(1) Lands by parachute or aircraft.

(2) Provides, issues to the brigade and at-

tached units, and maintains the brigade reserve of supplies for which the unit is responsible. Vehicles required for the ground movement of brigade supplies must be provided from nonbrigade transportation sources.

(3) Requisitions, receives, stores, and issues airdrop equipment; inspects and packs parachutes; provides organizational maintenance for airdrop equipment; inspects and provides technical assistance in packing, rigging, and loading supplies and equipment; and supervises and assists in the recovery and evacuation of airdrop equipment after airdrop operations.

(4) Provides limited purchasing and contracting services.

(5) Provides map supply service for the brigade.

(6) Provides graves registration service and clothing exchange and bath service for the brigade.

b. This unit is not adaptable to a type B organization.

c. When the mission to be performed or the workload imposed on this unit exceeds the capabilities indicated above, the additional capabilities required must be provided from appropriate cellular teams of the 500- and 600-series TOE or by the establishment of an MTOE under the provisions of AR 310-31.

d. This unit depends on—

(1) Backup theater service support units for supply and service support to supplement organic capabilities and to provide required nonorganic support when employed in garrison, in marshaling areas, or for an extended period in support of sustained ground combat operations.

(2) The administration company, separate airborne brigade (TOE 12-167), for personnel services.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 5 WO 3
EM 172 Aggr 180
b. Level 2: Off 5 WO 3
EM 154 Aggr 162
c. Level 3: Off 5 WO 3
EM 136 Aggr 144

Basis of allocation. One per support battalion, separate airborne brigade (TOE 29-105).

Category. II.

Mobility. Seventy-five-percent mobile, excluding the air equipment support platoon, which is

fixed; 100-percent air transportable in medium transport aircraft.

29-109G Maint Co, Sep Abn Bde

Mission. a. To provide command, administration, and technical supervision for the separate airborne brigade's maintenance and repair parts supply activities.

b. To provide direct support maintenance repair parts service for brigade materiel, except for medical, cryptographic, and quartermaster air items.

Assignment. Organic to support battalion, separate airborne brigade (TOE 29-105).

Capabilities. a. At level 1, this unit—

(1) Performs 100-percent direct support maintenance on all authorized brigade equipment, except medical and cryptographic, of a typical airborne brigade consisting of a brigade base and three infantry battalions.

(2) Provides technical assistance service for the brigade.

(3) Secures, stocks, issues, and maintains in storage repair parts pertaining to supported equipment in the brigade.

(4) Maintains an operational readiness float of selected items.

(5) Provides limited vehicular recovery and evacuation assistance to supported units.

b. Provides 100-percent maintenance support at levels 2 and 3 commensurate with the density of materiel retained by the brigade at these levels.

c. This unit is not adaptable to a type B organization.

d. This unit depends on other units for medical, dental, and religious services and personnel administration.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 8 WO 3
EM 146 Aggr 157

b. Level 2: Off 8 WO 3
EM 139 Aggr 150

c. Level 3: Off 8 WO 3
EM 131 Aggr 142

Basis of allocation. One per support battalion, separate airborne brigade (TOE 29-105).

Category. II.

Mobility. Thirty-percent mobile in organic transportation; 100-percent air transportable in medium transport aircraft.

29-111T HHC, PERSCOM

Mission. a. To command, control, and supervise all assigned or attached units.

b. To plan, direct, and coordinate general support, personnel, administrative, fiscal accounting, postal, morale, interment, custodial, crime laboratory, religious, and graves registration services in the theater.

c. To provide staff advice and planning assistance to the TASCOM commander on combat service support activities in his area of responsibility.

Assignment. To TASCOM.

Capabilities. a. At level 1, this unit—

(1) Provides command, control, administration, and supervision for assigned and attached units.

(2) Develops plans and implements policies and procedures.

(3) Coordinates and exercises management control over the activities of its subordinate units.

(4) Advises the TASCOM commander and staff on matters falling within the PERSCOM area of responsibility.

b. When the mission to be performed or the workload imposed on this unit exceeds the capabilities indicated above, the additional capabilities required must be provided from appropriate cellular teams of the 500- and 600-series TOE or by the establishment of an MTOE under the provisions of AR 310-31.

c. The capabilities of a type B organization are the same as those of a level 1 organization.

d. This unit depends on—

(1) The area support group for daily mission transportation requirements and displacement transportation services.

(2) The signal operations company, medium headquarters (TOE 11-127), for communication services.

(3) The personnel service company (TOE 12-67) for personnel administrative services.

(4) An automatic data processing unit for automatic data processing support.

e. Individuals of this organization, except chaplains, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 56 WO 1
EM 108 Aggr 165

b. Level 2: Off 55 WO 1
EM 95 Aggr 151

c. Level 3: Off 49 WO 1
EM 85 Aggr 135

d. Type B: Off 55 WO 1
EM 76 Aggr 132

Basis of allocation. One per TASCOT.

Category. III.

Mobility. Twenty-percent mobile in organic transportation.

29-112T P&A Agcy

Mission. a. To serve as a carrier unit that provides support for staff elements of the personnel and administration center of a theater army.

b. To provide personnel and administrative support and services for a theater army.

Assignment. To PERSCOM, TASCOT (TOE 29-111).

Capabilities. a. At level 1, this unit provides personnel and administrative support to a theater army of approximately 600,000 personnel. The staff elements of the agency, operating on a 24-hour basis, provide theater army combat service support in related personnel and administrative functional areas as follows:

(1) *Personnel administration.* Operates theater army's general support personnel organization, providing computerized personnel records maintenance and strength accounting and administering theater army's personnel management, personnel actions, replacement, and casualty reporting and recording operations.

(2) *Army postal operations.* Exercises technical control and coordinates activities of Army postal operating elements in the theater.

(3) *Graves registration.* Exercises technical control of graves registration activities throughout the theater army.

(4) *Military police services.* Exercises technical control of law enforcement and military prisoner correctional and rehabilitation activities throughout theater army.

(5) *Administrative services.* Operates a correspondence control center and provides publications distribution and large-volume reproduction services for theater army HQ, operates a theater-wide TOP SECRET document courier service, maintains theater army central records file in microfilm and magnetic form, and administers theater army records management and forms and reports suspense programs.

(6) *Special services.* Exercises technical control and coordinates activities of special services activities and organizations in the theater.

b. The agency HQ provides organizational

maintenance support and other organizational-level logistic support and plans for tactical security of staff elements assigned to the agency. It provides company-level personnel and administrative support for personnel assigned to the agency.

c. This unit is not adaptable to a type B organization.

d. When the mission to be performed or the workload imposed on this unit exceeds the capabilities indicated above, the additional capabilities required must be provided from appropriate cellular teams of the 500- and 600-series TOE or by the establishment of an MTOE under the provisions of AR 310-31.

e. This unit depends on—

(1) The automatic data processing unit (TOE 29-540) for computer service support.

(2) The signal unit supporting the PERSCOM HQ for internal communications and for the extension of data circuits from the theater army communication system.

(3) The personnel service company (TOE 12-67) for personnel administrative services.

f. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 155 WO 4
EM 574 Aggr 693

b. Level 2: Off 112 WO 4
EM 506 Aggr 622

c. Level 3: Off 103 WO 3
EM 451 Aggr 557

Basis of allocation. One per theater army.

Category. III.

Mobility. Ten-percent mobile.

29-114G Fld Svc GS Co, Fwd

Mission. To provide field services to include laundry and renovation of materiel, graves registration service, decontamination service, fresh baked bread, and a pool of general duty (labor) personnel.

Assignment. To FASCOM; normally attached to HHC, supply and service general support battalion, forward (TOE 29-116).

Capabilities. a. At level 1, this unit—

(1) Operates graves registration, collection, evacuation, and identification points in support of divisional and nondivisional direct support graves registration activities.

(2) Provides, when operating two 10-hour shifts per day, bulk laundry in support of approx-

imately 16,800 divisional troops at 6 pounds per man per week or emergency clothing impregnation service at approximately 50 percent of its laundry capability. Maintains prescribed stocks of clothing for issue on an emergency basis to replace contaminated clothing.

(3) Provides renovation of materiel for approximately 30,000 troops supported.

(4) Performs limited field CBR decontamination of critical areas; is adaptable for emergency firefighting and mobile shower service; and, as required, operates personnel decontamination stations.

(5) Provides a pool of general duty (labor) personnel to augment any or all operating elements of the general support group, as required. When handling assorted supplies, depending on the bulk and movement involved, provides the following tonnage-handling capabilities:

Unit	Labor personnel	Capability in tons per hour
Platoon -----	34	17.0
Section -----	17	8.5

(6) Bakes and provides fresh bread for approximately 32,000 divisional troops, when operating two 10-hour shifts per day and based on a normal bread ration of 0.5 pound per man per day. The bakery platoon will be responsible for the pickup of operating supplies from and the delivery of fresh bread to distribution points when the round trip does not exceed 10 hours.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. Additional laundry sections are required, as augmentation, for normal support of a two-division force when authorized by the theater commander.

d. This unit depends on—

(1) An AG personnel service unit for personnel administrative services.

(2) Other units within the area for medical services.

(3) The HQ company for religious services.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 8 EM 298
Aggr 306

b. Level 2: Off 8 EM 267
Aggr 275

c. Level 3: Off 8 EM 237
Aggr 245

d. Type B: Off 8 EM 144
Aggr 152

Basis of allocation. One per supply and service general support battalion, forward, or six per typical field army.

Category. II.

Mobility. Ninety-percent mobile.

Remarks. This unit will be replaced by field service company, general support, forward (TOE 29-114G (Updated Copy)).

29-114G (Updated Copy) (PTOE) Fld Svc Co, GS Fwd

Mission. To provide field services that include laundry, lightweight textile renovation, graves registration service, decontamination service, fresh baked bread, salvage, and a pool of general duty (labor) personnel.

Assignment. To FASCOM; normally attached to HHC, supply and service battalion (TOE 29-146).

Capabilities. a. At level 1, this unit—

(1) Operates graves registration collection, evacuation, and identification points in support of divisional and nondivisional direct support graves registration activities.

(2) Provides, when operating two 10-hour shifts per day, bulk laundry in support of approximately 13,650 divisional troops at 6 pounds per man per week or emergency clothing impregnation service at approximately 50 percent of its laundry capability. Maintains prescribed stocks of clothing for issue on an emergency basis to replace contaminated clothing.

(3) Provides renovation of clothing and lightweight textiles in support of approximately 15,000 divisional troops supported.

(4) Performs field CBR decontamination of critical installations, terrain, and materiel in support of 16,000 troops, using decontaminants listed in TM 3-220; provides emergency firefighting service; or, when required, operates personnel decontamination stations with a capacity of 480 individuals per hour or provides mobile shower service.

(5) When operating on one 12-hour shift per day, bakes and provides fresh bread for approximately 15,000 divisional troops based on a normal bread ration of 0.5 pound per man per day.

(6) Operates a salvage collecting point in the corps area and provides limited classification of items turned in.

(7) Provides a pool of general duty (labor) personnel to augment any or all operating units of the general support group. When handling assorted supplies, depending on bulk and movement involved, provides the following tonnage-handling capabilities:

Section	Unit	Labor personnel	Capability in tons per hour
-----	-----	17	8.5

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. When operating at multiple locations, personnel will be based for messing on the nearest unit capable of providing such service.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 5 EM 223
Aggr 228
b. Level 2: Off 5 EM 200
Aggr 205
c. Level 3: Off 5 EM 177
Aggr 182
d. Type B: Off 5 EM 106
Aggr 111

Basis of allocation. One per division in the force; normally four per typical corps force (four divisions) or 12 per typical field army (12 divisions).

Category. II.

Mobility. Eighty-percent mobile.

Remarks. TOE 29-114G (Updated Copy). This unit will replace field service general support company, forward (TOE 29-114G).

29-116G HHC, S&S GS Bn, Fwd

Mission. a. To command, control, and supervise the operations, employment, administration, and training for units assigned or attached.

b. To provide supply and stock control for field army stocks carried by units assigned or attached and to provide general support service for divisions and supported direct support units.

Assignment. To FASCOM; normally attached to HHC, general support group (TOE 29-102).

Capabilities. a. At level 1, this unit provides—

(1) Command, staff planning, control, coordination, direction, and supervision over the operations, employment, administration, and training of units assigned or attached to the supply and service general support battalion, forward. These may include—

(a) One field service general support company, forward (TOE 29-114).

(b) Two general supply general support companies (TOE 29-118).

(c) One repair parts general support company (TOE 29-119).

(d) Heavy materiel supply general support company (TOE 29-127) (authorized on the basis of one per corps).

(e) Two quartermaster petroleum supply companies, forward (TOE 10-458).

(f) One transportation light-medium truck company (TOE 55-67).

(2) A nucleus of personnel for the operation of a centralized supply and stock control activity. Complete staffing is provided by attachment of designated personnel from subordinate units. When so constituted—

(a) Operates on two 12-hour shifts.

(b) Receives and processes requisitions from supported units.

(c) Reports significant supply data to the support brigade staff; and, within policy, initiates action to fulfill supply requirements by requisitions on the FASCOM inventory control center.

(d) Recommends additions to and deletions from group stockage lists.

(e) Determines the effect of new or modified supply directives on the group supply system.

(f) Reviews and analyzes demands and performs studies, as directed, of the group supply system.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) An AG personnel service unit for administrative services.

(2) The medical brigade for medical and dental service.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 17 WO 2
EM 74 Aggr 93
b. Level 2: Off 16 WO 2
EM 66 Aggr 84
c. Level 3: Off 15 WO 2
EM 57 Aggr 74

Basis of allocation. As required. Normally one per general support group employed in corps areas or six per typical field army.

Category. II.

Mobility. Fifty-percent mobile.

29-118G Gen Sup GS Co, Fwd
Gen Sup GS Co, Army
Gen Sup GS Co, COMMZ

Mission. a. To provide wholesale supply support of class I and class II and IV supplies exclusive of repair parts, cryptographic supplies, air-drop supplies, supplies provided by the army-wide services, and equipment supplied by the heavy materiel supply general support company.

b. To maintain a portion of the field army or theater reserve stocks.

Assignment. a. To FASCOM; normally attached to HHC, supply and service general support battalion, forward (TOE 29-116); or HHC, supply and service general support battalion, army (TOE 29-126).

b. To COMMZ or field depot; normally attached to HHC, supply and service general support battalion, COMMZ (TOE 29-126).

Capabilities. a. At level 1, this unit provides the following supply and service support for 30,000 troops:

(1) Administrative and technical personnel to establish and operate a general support facility for the wholesale receipt, storage, and issue of class I supplies and class II and IV supplies exclusive of repair parts, cryptographic supplies, air-drop supplies, supplies provided by army-wide services, and equipment supplied by the heavy materiel supply general support company.

(2) Mobile refrigeration for storage and distribution of perishable subsistence. In addition, can supplement its organic mobile refrigeration by operating prefabricated refrigeration in units of 4,000 cubic feet with appropriate power sources. These may be authorized by the theater commander, as required, to support the levels of perishable subsistence items to be stored.

(3) Maintenance of an assigned portion of the field army or theater stocks.

(4) A staff to support an authorized stockage list of from 12,000 to 13,000 line items.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. When authorized by the theater operations commander, team BR of the composite service organization (TOE 29-500) will be assigned or attached to provide topographic parts, supplies, and equipment. The authorization of team BR normally will apply to one of the companies employed in the army service area or independent corps and one or more employed in the COMMZ.

d. When additional class II and IV supply and storage capability is required, it will be provided by an MTOE under the provisions of AR 310-31.

e. When authorized by the theater operations commander, one or more of the following teams from the 5-500-series TOE may be assigned or attached to a unit employed in the army service area and COMMZ to provide appropriate services or facilities:

- (1) Forestry.
- (2) Gas generating.
- (3) Carbon-dioxide generating.

f. Appropriate veterinary food inspection teams, required for inspection of meat, poultry, marine products, fresh fruits, and vegetables, will be provided by teams from the medical service organization (TOE 8-500).

g. When authorized, additional and appropriate mess, maintenance materials-handling, or duty detachment teams will be provided from TOE 29-500 and TOE 29-600.

h. When operating independently or when personnel action service is not provided by an AG personnel service unit, such service will be provided by the attachment of the appropriate personnel service detachments from TOE 29-500.

i. This unit depends on an AG personnel service unit for processing personnel administrative actions to include classification, personal affairs, maintenance of personnel records, pay actions, personnel accounting, casualty reporting, rosters, and orders directing personnel actions.

j. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 5 EM 210
Aggr 215

b. Level 2: Off 5 EM 194
Aggr 199

c. Level 3: Off 5 EM 168
Aggr 173

d. Type B: Off 5 EM 153
Aggr 158

Basis of allocation. a. Two per supply and service general support battalion, forward, and two per supply and service general support battalion, army, or 16 companies per typical field army.

b. As required in the COMMZ based on the capabilities indicated above, relative supply activity, and the levels of supplies to be maintained. For initial planning purposes, 18 per COMMZ in support of a 12-division force.

Category. II.

Mobility. Fifty-percent mobile.

Remarks. This unit will be replaced by general supply company, general support (TOE 29-118G (Updated Copy)).

29-118G (Updated Copy) (PTOE) Gen Sup Co, GS

Mission. a. To establish and operate a general supply facility for the receipt, storage, and issue of general supplies except those associated with medical and cryptographic functions, repair parts, marine and rail supplies, and those associated with the heavy materiel supply company, general support.

b. To maintain a portion of the field army and TASCOM reserve stocks for which the unit is responsible.

Assignment. a. To FASCOM; normally attached to HHC, supply and service battalion (TOE 29-146).

b. To SMCOM or field depot; normally attached to HHC, supply and service battalion (TOE 29-146).

Capabilities. a. At level 1, this unit—

(1) When employed in the field army, can handle 800 tons of supplies daily; the average daily workload is issue of 300 short tons and receipt and storage of 500 short tons. When employed in the COMMZ, can handle approximately 1,000 tons of supplies daily; the average daily workload is issue of 400 short tons and storage of 600 tons. Approximately 80 percent of the supplies are handled mechanically and 20 percent are handled manually.

(2) Maintains a stock of approximately 12,500 line items, which constitutes the authorized stockage list.

(3) Maintains a portion of the field army or theater reserve stocks for which the unit is responsible.

(4) Provides mobile refrigeration for storage and distribution of perishable subsistence. In addition, can supplement its organic mobile refrigeration by operating prefabricated refrigerators with appropriate power sources. These may be authorized by the theater commander, as required, to support the levels of perishable subsistence items to be stored.

(5) Has operating elements staffed for two-shift operations.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. This unit depends on the following units for the accomplishment of the stock control functions:

(1) When employed in the field army area, either the corps support brigade stock control center or the army support brigade stock control center, as appropriate.

(2) When employed in the COMMZ, the TASCOM inventory control center.

d. When authorized by the theater operations commander, one or more of the following teams from the TOE 5-500 and TOE 29-500-series may be assigned or attached to provide appropriate services or facilities:

(1) Forestry.

(2) Gas generating.

(3) Topographic supplies.

e. Appropriate veterinary food inspection teams, required for the inspection of meat, poultry, marine products, fresh fruits, and vegetables, will be provided by teams from the medical service organization (TOE 8-500).

f. Additional or substitute materials-handling equipment will be based on criteria contained in TA 50-916. Additional materials-handling equipment operating teams and materials-handling equipment repair teams will be authorized from TOE 29-500 and TOE 29-600.

g. Appropriate mess, supply, and maintenance teams from TOE 29-500 and TOE 29-600 must be provided when the company's authorized strength is increased by adding the various teams referred to above.

h. When additional supply support capability is required, it will be provided by an MTOE under the provisions of AR 310-31.

i. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 6 WO 1
EM 257 Aggr 264

b. Level 2: Off 6 WO 1
EM 228 Aggr 235

c. Level 3: Off 6 WO 1
EM 203 Aggr 210

d. Type B: Off 6 WO 1
EM 124 Aggr 131

Basis of allocation. a. One per approximately 300 short tons of general supplies to be handled daily in the field army, normally allocated on the basis of four per typical corps (four divisions) and four per field army service area.

b. As required in the COMMZ as part of a field depot complex, with consideration given to relative supply activity and the levels of supplies re-

quired to be maintained. For initial planning purposes, in support of—

- (1) An eight-division force—as companies.
- (2) A 12-division force—16 companies.

Category. II.

Mobility. Fifty-percent mobile.

Remarks. TOE 29-118G (Updated Copy). This unit will replace general supply general support company, forward, army, or COMMZ (TOE 29-118G).

**29-119G Rep Parts GS Co, Fwd
Rep Parts GS Co, Army
Rep Parts GS Co, COMMZ**

Mission. To provide wholesale repair parts supply support exclusive of cryptographic and topographic materiel, airdrop items, materiel supplied through the army-wide services and, in the army area and COMMZ, repair parts for aircraft and aerial weapon systems.

Assignment. a. To FASCOM; normally attached to HHC, supply and service general support battalion, forward (TOE 29-116); or HHC, supply and service general support battalion, army; or HHC, supply and service general support battalion, COMMZ (TOE 29-126).

b. To COMMZ or field depot; normally attached to HHC, supply and service general support battalion, army; or HHC, supply and service general support battalion, COMMZ (TOE 29-126).

Capabilities. a. At level 1, this unit provides bulk repair parts supply support for from two to four direct support and two general support maintenance battalions. This capability includes—

(1) When organized as a repair parts general support company, forward:

(a) Stock control and handling of approximately 26,000 line items.

(b) Storage of up to 15 days' supply of selected fast-moving repair parts, including repair parts for aircraft and aerial weapon systems.

(2) When organized as a repair parts general support company, army, or repair parts general support company, COMMZ:

(a) Stock control and handling of approximately 31,000 line items.

(b) Storage of up to 15 days' supply of selected fast-moving repair parts, less repair parts for aircraft and aerial weapon systems. store an increased quantity of slower moving repair parts than normally stored in forward repair parts general support companies.

(3) Stock control and handling capabilities are based on the criteria shown below. Daily activity in line items stocked and number of handlings must be applied to these to determine mission capability.

<i>Activity</i>	<i>Criteria</i>
Stock control -----	1,250 line items per clerk
Transaction volume -----	1,800 cards per operator
Parts handling -----	180 line items per handler

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. This unit depends on an AG personnel service unit for processing personnel administrative actions to include classification, personal affairs, maintenance of personnel records, pay actions, personnel accounting, casualty reporting, rosters, and orders directing personnel actions.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. When organized as repair parts general support company, forward:

- (1) Level 1: Off 4
EM 222 Aggr 226
- (2) Level 2: Off 4
EM 198 Aggr 202
- (3) Level 3: Off 4
EM 177 Aggr 181
- (4) Type B: Off 4
EM 154 Aggr 158

b. When organized as repair parts general support company, army or COMMZ:

- (1) Level 1: Off 5
EM 272 Aggr 277
- (2) Level 2: Off 5
EM 254 Aggr 259
- (3) Level 3: Off 5
EM 217 Aggr 222
- (4) Type B: Off 5
EM 189 Aggr 194

Basic of allocation. a. When organized as a repair parts general support company, forward, eight per field army and one per supply and service general support battalion, forward.

b. When organized as a repair parts general support company, army, one per supply and service general support battalion, army.

c. As required in the COMMZ based on the capabilities indicated above, relative supply activity, and the levels of supplies to be maintained. For initial planning purposes, 12 per COMMZ in support of a 12-division force.

Category. a. When organized as a repair parts general support company, forward, or repair parts general support company, army: II.

b. When organized as a repair parts general support company, COMMZ: III.

Mobility. Fifty-percent mobile.

Remarks. This unit will be replaced by repair parts supply company, general support, corps, army, or COMMZ (TOE 29-119G (Updated Copy)).

29-119G (Updated Copy) (TOE)

Rep Parts Sup Co, GS, Corps

Rep Parts Sup Co, GS, Army

Rep Parts Sup Co, GS, COMMZ

Mission. To provide wholesale repair parts supply support exclusive of airdrop items, cryptographic and topographic materiel, items peculiar to missile systems, medical items, class V supplies and, in the army service area and the COMMZ, repair parts peculiar to aircraft and aircraft armament subsystem items.

Assignment. a. To FASCOM; normally attached to HHC, supply and service battalion (TOE 29-146).

b. To SMCOM or field depot and attached to HHC, supply and service battalion (TOE 29-146).

Capabilities. a. At level 1, this unit provides supply support for the equivalent of from two to four direct support maintenance battalions and two general support maintenance battalions. This capability includes—

(1) Receiving, storing, and shipping approximately 35,000 line items of repair parts when employed in the corps area and an estimated 40,000 to 45,000 line items when employed in the field army service area or in the COMMZ.

(2) Supporting the following number of line items when employed in the areas indicated:

Item	Corps area	Army service area and COMMZ
General equipment parts ----	9,500	14,250
Heavy equipment parts ----	16,000	24,000
Electronic parts -----	4,500	6,750
Aircraft parts -----	5,000	-----

(3) Storing—

(a) When employed in the corps area, up to 15 days' supply of selected fast-moving repair parts.

(b) When employed in the field army service area, up to 15 days' and, in the COMMZ, up to 30 days' supply of repair parts, excluding repair

parts peculiar to aircraft, aircraft armament subsystems, and avionics.

b. The operating elements of the company are staffed for two-shift operations.

c. Additional or substitute materials-handling equipment will be based on criteria contained in TA 50-916. Additional materials-handling equipment operating teams and materials-handling equipment repair teams will be authorized from TOE 29-500 and TOE 29-600.

d. Appropriate mess and supply teams from TOE 29-500 must be provided when the company's authorized strength is increased by adding the various teams referred to above.

e. This unit depends on the following units for accomplishing the stock control function:

(1) When employed in the field army area, either the corps support brigade stock control center or the army support brigade stock control center, as appropriate.

(2) When employed in the COMMZ, the SMCOM inventory control center.

f. The capabilities of a type B organization are the same as those of a level 1 organization.

g. When additional supply support capability is required, it will be provided by an MTOE under the provisions of AR 310-31.

h. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. When organized as repair parts supply company, general support, corps:

- (1) Level 1: Off 6
EM 268 Aggr 274
- (2) Level 2: Off 6
EM 242 Aggr 248
- (3) Level 3: Off 6
EM 216 Aggr 222
- (4) Type B: Off 6
EM 240 Aggr 246

b. When organized as repair parts supply company, general support, army or COMMZ:

- (1) Level 1: Off 5
EM 295 Aggr 300
- (2) Level 2: Off 5
EM 266 Aggr 271
- (3) Level 3: Off 5
EM 235 Aggr 240
- (4) Type B: Off 5
EM 254 Aggr 259

Basis of allocation. a. Six per eight-division or eight per 12-division typical field army on the

basis of two per corps support brigade and two per army support brigade.

b. As required in the COMMZ as part of a field depot complex, based on the capabilities stated above, relative supply activity, and the levels of supply to be maintained. For initial planning purposes, in support of—

- (1) An eight-division force—12 companies.
- (2) A 12-division force—18 companies.

Category. II.

Mobility. Fifty-percent mobile.

Remarks. TOE 29-119G (Updated Copy). This unit will replace repair parts general support company, forward, army, or COMMZ (TOE 29-119G).

29-124G Fld Svc GS Co, Army Fld Svc GS Co, COMMZ

Mission. To provide field services to include establishment, operation, and maintenance of a temporary military cemetery; reclamation laundry and bulk clothing exchange service; renovation of materiel; decontamination service; emergency impregnation services; and a pool of general duty (labor) personnel.

Assignment. a. To FASCOM; normally attached to HHC, supply and service general support battalion, army (TOE 29-126).

b. To TASCOM or field depot; normally attached to HHC, supply and service general support battalion, COMMZ (TOE 29-126).

Capabilities. a. At level 1, this unit—

(1) Establishes, operates, and maintains a temporary military cemetery.

(a) Receives remains of deceased military and other personnel, as authorized or as circumstances require, and establishes and/or confirms field identification of such remains.

(b) Conducts appropriate burial services, supervises interment of remains, and prepares and maintains required burial records.

(c) Collects, inventories, records, and makes disposition of personal effects accompanying remains.

(2) Provides reclamation laundry service.

(3) Provides materiel renovation backup support for supported direct support and general support renovation activities.

(4) Performs limited field CBR decontamination of critical areas; is adaptable for emergency firefighting and mobile shower service; or, as required, operates personnel decontamination stations.

(5) Provides a pool of general duty (labor) personnel to augment any or all operating units of the general support group or field depot. When handling assorted supplies, provides, depending on the bulk and movement involved, the following tonnage-handling capabilities:

Unit	Labor personnel	Capacity in tons per hour
Company -----	68	34.0
Platoon -----	34	17.0
Section -----	17	8.5

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. This unit depends on—

(1) An AG personnel service unit for personnel services.

(2) Other units in the area for medical services.

d. The cemetery platoon depends on general duty (labor) personnel of this unit or other sources for personnel required for cemetery operation. The following guide may be used to estimate supplemented (general duty) personnel requirements for the cemetery platoon:

Activity	Allocation of personnel
Receipt and intra-area movement of remains.	Two per 100 remains received daily.
Opening and closing graves and assisting in burial of remains.	One per four remains to be processed and interred daily.
Caretaking and maintenance of cemetery and burial plots.	One per 300 graves to be maintained.

e. When operating at multiple locations, personnel will be based for messing on the nearest unit capable of providing such service.

f. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 7 EM 288
Aggr 295

b. Level 2: Off 7 EM 258
Aggr 265

c. Level 3: Off 7 EM 229
Aggr 236

d. Type B: Off 7 EM 118
Aggr 125

Basis of allocation. a. One per supply and service general support battalion, army, or two per typical field army.

b. As required in the COMMZ based on capabilities indicated above. For initial planning purposes.

poses, three per COMMZ in support of a 12-division force.

Category. II.

Mobility. Seventy-percent mobile.

Remarks. This unit will be replaced by field service company, general support, army (TOE 29-124G (Updated Copy)).

29-124G (Updated Copy) (TOE)

Fld Svc Co, GS Army

Mission. To provide field services to include establishment, operation, and maintenance of a temporary military cemetery; reclamation laundry and renovation of light textile material; decontamination service; and a pool of general duty (labor) personnel.

Assignment. To field army support brigade; normally attached to HHC, supply and service battalion (TOE 29-146).

Capabilities. a. At level 1, this unit—

(1) Establishes, operates, and maintains a temporary military cemetery.

(a) Receives remains of deceased military and other personnel, as authorized or as circumstances require, and establishes and/or confirms identification of such remains.

(b) Conducts appropriate burial services, supervises the interment of remains, and prepares and maintains required burial records.

(c) Collects, inventories, records, and makes disposition of personal effects accompanying remains.

(2) Provides reclamation laundry service; backup laundry support for direct support and general support units; or emergency clothing impregnation services, when required.

(3) Provides backup support for lightweight textile renovation in backup support for supported direct support and general support renovation activities.

(4) Performs field CBR decontamination of critical installations, terrain, and materiel in support of 16,000 troops, using decontaminants listed in TM 3-220; provides emergency firefighting service; or, when required, operates emergency personnel decontamination station with a capacity of 480 individuals per hour or provides mobile personnel shower service.

(5) Provides a pool of general duty (labor) personnel to augment any or all operating units of the general support group. When handling assorted supplies, depending on the bulk and movement

involved, provides the following tonnage-handling capabilities:

Unit	Labor personnel	Capability in tons per hour
Company -----	68	34.0
Platoon -----	34	17.0
Section -----	17	8.5

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. When operating at multiple locations, personnel will be based for messing on the nearest unit capable of providing such service.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

e. The cemetery platoon depends on general duty (labor) personnel of this unit or other sources for personnel required for cemetery operation. The following guide may be used to estimate supplemental (general duty) personnel requirements for the cemetery platoon:

Activity	Allocation of personnel
Receipt and intra-area movement of remains.	Two per 100 remains received daily.
Opening and closing graves and assisting in burial of remains.	One per four remains to be processed and interred daily.
Caretaking and maintenance of cemetery and burial plots.	One per 300 graves to be maintained.

Strength. a. Level 1: Off 7 EM 326
Aggr 333

b. Level 2: Off 7 EM 292
Aggr 299

c. Level 3: Off 7 EM 261
Aggr 268

d. Type B: Off 7 EM 142
Aggr 149

Basis of allocation. Two per army service area.

Category. II.

Mobility. Seventy-percent mobile.

Remarks. TOE 29-124G (Updated Copy). This unit will replace field service general support company, army or COMMZ (TOE 29-124G).

29-126G HHC, S&S GS Bn, Army

HHC, S&S GS Bn, COMMZ

Mission. a. To command, control, and supervise the operations, employment, administration, and training for units assigned or attached.

b. To provide supply and stock control for field army stocks carried by units assigned or attached

and to provide general support service for divisions and supported direct support units.

Assignment. a. To FASCOM; normally attached to HHC, general support group (TOE 29-102).

b. To TASCOT; normally attached to HHC, field depot (TOE 29-512).

Capabilities. a. At level 1, this unit provides—

(1) Command, staff planning, control, coordination, direction, and supervision over the operations, employment, administration, and training of units assigned or attached to the supply and service general support battalion. These may include—

(a) In the field army service area—

1. Two general supply general support companies (TOE 29-118).

2. One repair parts general support company, army (TOE 29-119).

3. One field service general support company, army (TOE 29-124).

4. One heavy materiel supply general support company (TOE 29-127).

5. One transportation light-medium truck company (TOE 55-67).

(b) In support of a COMMZ field depot—

1. Varying numbers of the units cited in (a) above.

2. Other functional and specialized supply and service units, as required.

(2) A nucleus of personnel for the operation of a centralized supply and stock control activity. Complete staffing is provided by attachment of designated personnel from subordinate units. When so constituted—

(a) Operates on two 12-hour shifts.

(b) Receives and processes requisitions from supported units.

(c) Reports significant supply data to the support brigade staff and, within policy, initiates action to fulfill supply requirements by requisitions on the FASCOM inventory control center.

(d) Recommends additions to and deletions from group stockage lists.

(e) Determines the effect of new or modified supply directives on the group supply system.

(f) Reviews and analyzes demands and performs studies, as directed, of the group supply system.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) An AG personnel service unit for administrative service.

(2) The medical brigade for medical and dental services.

d. Individuals of this organization, except chaplain personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 17 WO 2

EM 74 Aggr 93

b. Level 2: Off 16 WO 2

EM 66 Aggr 84

c. Level 3: Off 15 WO 2

EM 57 Aggr 74

Basis of allocation. a. One per general support group employed in the field army service area or two per typical field army.

b. As required in the COMMZ. Normally one per two to five company-size supply and service operating units assigned or attached to a field depot.

Category. II.

Mobility. Fifty-percent mobile.

29-127G Hv Mat Sup GS Co

Mission. a. To receive, store, process, and issue heavy materiel to include combat, tactical, and special-purpose vehicles and fortification and construction supplies to divisions and to nondivisional direct support units.

b. To maintain a class IV equipment pool of prescribed end items for temporary loan to supported units for special projects or seasonal requirements.

c. To perform in-storage maintenance, not to exceed organizational maintenance, on all items of equipment, including those in the class IV equipment pool.

Assignment. a. To FASCOM; normally attached to HHC, supply and service general support battalion, forward (TOE 29-116); or HHC, supply and service general support battalion, army; or HHC, supply and service general support battalion, COMMZ (TOE 29-126).

b. To TASCOT or field depot; normally attached to HHC, supply and service general support battalion, army; or HHC, supply and service general support battalion, COMMZ (TOE 29-126).

Capabilities. a. At level 1, this unit—

(1) Provides wholesale supply of class II and IV wheeled, tracked, and towed end items in support of approximately 85,000 troops.

(2) Performs all required operations incident to the requisitioning, receipt, storage, processing for issue, and issue of combat equipment and tactical and special-purpose vehicles. In-storage maintenance is limited to organizational maintenance on all items of equipment.

(3) Operates a supply point for the receipt, storage, and daily issue of approximately 150 tons of fortification and construction supplies.

(4) Performs supply management functions, as assigned and as required by AR 711-16, and TM 38-750.

(5) Maintains an equipment pool of prescribed class IV end items for temporary loan to supported units on a seasonal or special-project basis. Maintenance on items in the equipment pool is limited to organizational maintenance.

(6) Maintains a portion of the army or theater reserve stocks of supplies for which the unit is responsible.

(7) Is staffed to support an authorized stockage list of approximately 2,200 line items.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. This unit depends on other units for personnel services and medical and religious support.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 6 WO 1
EM 193 Aggr 200
b. Level 2: Off 6 WO 1
EM 174 Aggr 181
c. Level 3: Off 6 WO 1
EM 154 Aggr 161
d. Type B: Off 6 WO 1
EM 144 Aggr 151

Basis of allocation. Five per field army. One per corps support brigade; normally attached to HHC, supply and service general support battalion, forward. Two per army rear support brigade; normally attached to HHC, supply and service general support battalion, army.

Category. II.

Mobility. Sixty-five-percent mobile.

Remarks. This unit will be replaced by heavy materiel supply company, general support (TOE 29-127G (Corrected Copy)), when published.

29-127G (Corr Cy) (PTOE) Hv Mat Sup Co, GS

Mission. a. To receive, store, process, perform in-storage maintenance (not to exceed organiza-

tional maintenance), and issue all types of self-propelled and towed, wheeled, and tracked equipment, except aircraft, marine, and railway mission-type equipment, to divisions and to nondivisional direct support units.

b. To receive, store, and issue fortification and construction supplies and bridging equipment.

c. To combat load combat vehicles, as required, before issue.

Assignment. a. To FASCOM; normally attached to HHC, supply and service battalion (TOE 29-146).

b. To SMCOM or field depot; normally attached to HHC, supply and service battalion (TOE 29-146).

Capabilities. a. At level 1, this unit—

(1) Provides general support supply of class VII wheeled, tracked, and towed end items in support of approximately 85,000 troops.

(2) Performs all required operations incident to the receipt, storage, processing for issue, and issue of self-propelled and towed equipment. Processing includes initial processing; deprocessing; instorage maintenance (limited to organizational maintenance); and, as required, installation and inspection of vehicular-mounted communication equipment.

(3) Performs combat loading of combat vehicles, as required, before issue.

(4) Operates a supply point for the receipt, storage, and daily issue of approximately 150 tons of bridging equipment and fortification and construction supplies (classes II and IV).

(5) Maintains a stock of approximately 2,200 line items, which constitutes the authorized stockage list.

(6) Maintains a portion of the field army or theater, as appropriate, reserve stocks for which the unit is responsible.

b. Operating elements of the company are staffed for two-shift operations.

c. This unit depends on the following units for accomplishing the stock control function:

(1) When employed in the field army area, either the corps support brigade stock control center or the army support brigade stock control center, as appropriate.

(2) When employed in the COMMZ, the SMCOM inventory control center.

d. Additional or substitute materials-handling equipment will be based on criteria contained in TA 50-916. Additional materials-handling equipment operating teams and materials-handling

equipment repair teams will be authorized from TOE 29-500 and TOE 29-600.

e. Appropriate mess, supply, and maintenance teams from TOE 29-500 and TOE 29-600 must be provided when the company's authorized strength is increased by adding the various teams referred to above.

f. The capabilities of a type B organization are the same as those of a level 1 organization.

g. When additional supply support capability is required, it will be provided by an MTOE under the provisions of AR 310-31.

h. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. *a.* Level 1: Off 5 WO 2
EM 200 Aggr 207

b. Level 2: Off 5 WO 2
EM 180 Aggr 187

c. Level 3: Off 5 WO 2
EM 161 Aggr 168

d. Type B: Off 5 WO 2
EM 132 Aggr 139

Basis of allocation. *a.* Four per eight-division or five per 12-division typical field army. Allocated on the basis of one per corps and two per army service area.

b. Two per three- or four-division independent corps force.

c. One, organized at level 2, per two-division independent force.

d. As required in the COMMZ based on the capabilities stated above, relative supply activity, and the levels of supply to be maintained. For initial planning purposes, six per COMMZ in support of an eight-division force or nine per COMMZ in support of a 12-division force.

Category. II.

Mobility. Fifty-five-percent mobile.

Remarks. PTOE 29-127G (Updated Copy) at ACSFOR, DA, for staffing at the time of preparation of this manual. When published, this unit will replace heavy materiel supply general support company (TOE 29-127G).

29-129G (FPTOE) Acft and Msl Rep Parts Sup Co, GS

Mission. To provide general support repair parts peculiar to army aircraft, army aircraft armament subsystems, avionics, and missiles (less special ammunition repair parts).

Assignment. *a.* To FASCOM; normally attached to HHC, supply and service battalion (TOE 29-146).

b. To SMCOM or field depot; normally attached to HHC, supply and service battalion (TOE 29-146).

Capabilities. *a.* At level 1, this unit provides the following general support repair parts supply support:

(1) Receives, stores, and ships an estimated 11,500 line items peculiar to army aircraft, army aircraft armament subsystems, and avionics.

(2) Receives, stores, and ships an estimated 30,500 selected line items peculiar to missile systems exclusive of warhead sections and explosive components.

(3) Stores up to 15 days' supply of repair parts.

b. The operating elements of the company are staffed for two-shift operations.

c. This unit depends on the following units for accomplishing the stock control function:

(1) When employed in the field army area, the army support brigade stock control center.

(2) When employed in the COMMZ, the SMCOM inventory control center.

d. When additional supply support capability is required, it will be provided by an MTOE under the provisions of AR 310-31.

e. The capabilities of a type B organization are the same as those of a level 1 organization.

f. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. *a.* Level 1: Off 5 WO 1
EM 268 Aggr 274

b. Level 2: Off 5 WO 1
EM 238 Aggr 244

c. Level 3: Off 5 WO 1
EM 209 Aggr 215

d. Type B: Off 5 WO 1
EM 187 Aggr 193

Basis of allocation. *a.* FASCOM. Two per eight- to 12-division force supported.

b. COMMZ. As required, based on the capabilities stated above, relative supply activity, and the levels of supply to be maintained. For initial planning purposes, two per theater corps slice.

Category. II.

Mobility. This unit has the organic capability to transport, in one lift, approximately 40 percent of the authorized personnel and equipment.

Remarks. FPTOE 29-129G at TAG for publication and distribution at the time of preparation of this manual. When published, this unit will replace aircraft depot supply company (TOE 55-447F).

29-134G LE GS Maint Co, Army
LE GS Maint Co, COMMZ

Mission. To provide general support maintenance for light equipment end items and components thereof to include chemical, engineer, quartermaster, and signal equipment.

Assignment. To field army and SMCOM. Normally attached to HHD, maintenance general support battalion, army; or HHD, maintenance general support battalion, COMMZ (TOE 29-136).

Capabilities. a. This unit—

(1) Can perform the following annual man-hours of productive maintenance (approximate):

Type	Level 1	Level 2	Level 3
Chemical items -----	65,240	46,600	30,290
Office machines -----	11,650	9,320	6,990
Canvas and leather items ----	6,990	6,990	4,660
Quartermaster light equipment items -----	23,300	18,640	13,980
Refrigeration items -----	16,310	13,980	11,650
Special electronic device items--	18,640	13,980	9,320
Reproduction equipment items--	2,330	2,330	2,330
Topographic instrument items--	2,330	2,330	2,330
Gas-turbine generator items --	41,940	37,280	34,950
Powerpack items -----	18,640	16,310	13,980
Precision power generator items -----	9,320	9,320	9,320
Radio and carrier items -----	46,600	44,270	41,940
Radar and instrument items --	32,620	30,270	27,960
Avionic items -----	27,930	25,630	23,300
Telephone and telegraph items	25,630	20,970	16,310
Special equipment items -----	16,310	16,310	13,980
Automatic data processing items -----	9,320	9,320	9,320

Note. Availability criteria based on category II unit, allowing 6 hours 33 minutes per day or 2,800 annual productive man-hours' availability.

(2) Assists in the performance of direct support maintenance that is beyond the capability or capacity of the supported units.

(3) Performs organizational maintenance on its organic equipment.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. This unit depends on the personnel service company for all personnel administrative services.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 6 WO 8
EM 262 Aggr 276

b. Level 2: Off 6 WO 8
EM 235 Aggr 249

c. Level 3: Off 6 WO 8
EM 207 Aggr 221

d. Type B: Off 6 WO 8
EM 148 Aggr 162

Basis of allocation. a. For initial planning purposes, two per corps support brigade in a typical field army (12-division).

b. Three per army support brigade.

c. Nine per FASCOM.

d. Four per SMCOM, TASCUM.

Category. II.

Mobility. Sixty-percent mobile for organic personnel and equipment only. Assistance will be required to displace this unit in one move.

29-135G Spt Bn, Sep Inf Bde

Mission. To provide separate brigade-level supply, field maintenance, medical service, and miscellaneous services for all elements of the brigade, assigned or attached.

Assignment. Organic to separate infantry brigade (TOE 7-100).

Capabilities. a. At level 1, this unit—

(1) Provides separate brigade-level logistic support to include mobile intransit storage and distribution of class I, II, III, and IV supplies and control of class V supplies.

(2) Provides direct support, except for medical and cryptographic items.

(3) Provides division-level medical service, including evacuation, establishment and operation of clearing stations, emergency dental treatment, and medical supply.

(4) Has a limited capability to carry brigade reserve supplies.

(5) Provides staff advice to the separate brigade commander on all supply and maintenance functions, except those concerned with medical and cryptographic materiel and water supply, and on transportation matters pertaining to operations of the support battalion.

(6) Provides personnel administrative services for organic and attached units of the brigade.

b. This unit is not adaptable to a type B organization.

c. When the mission to be performed or the workload imposed on this unit exceeds the capabilities indicated above, the additional capabilities required must be provided from appropriate cellular teams of the 500- and 600-series TOE or by the establishment of an MTOE under the provisions of AR 310-31.

d. Individuals of this organization, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

- Strength.* a. Level 1: Off 52 WO 8
EM 729 Aggr 789
b. Level 2: Off 52 WO 8
EM 665 Aggr 725
c. Level 3: Off 49 WO 8
EM 608 Aggr 665

Basis of allocation. One per separate infantry brigade (TOE 7-100).

Category. II.

Mobility. For mobility of the components of this battalion, see applicable TOE extracts.

Components. a. One HHD (TOE 29-76G).

b. One administration company (TOE 12-177G).

c. One medical company (TOE 8-147G).

d. One supply and transport company (TOE 29-77G).

e. One maintenance company (TOE 29-99G).

**29-136G HHD, Maint DS or GS Bn, Army
HHD, Maint DS or GS Bn,
COMMZ**

Mission. a. To provide command, tactical, administration, training, and technical operational supervision for attached maintenance units.

b. When team FA (TOE 3-500) is authorized, to provide limited field CBR decontamination of selected areas and materiel for attached units.

Assignment. a. To FASCOM; normally attached to HHC, general support group (TOE 29-102).

b. To SMCOM or ASCOM, TASCOC. May be attached to HHC, field depot (TOE 29-512), for command and control of general support maintenance units or to area support group (TOE 54-422) for command and control of COMMZ maintenance direct support companies.

Capabilities. a. At level 1, this unit—

(1) Commands and directs the operations of from three to seven maintenance companies.

(2) Supervises and directs the operations of a tire repair company (TOE 9-117) and a collection and classification company (TOE 29-139), when such units are attached.

(3) Performs organizational maintenance on its organic equipment.

b. This unit is not adaptable to a type B organization.

c. When a decontaminating capability is required, team FA from TOE 3-500 may be authorized by an MTOE under the provisions of AR 310-31.

d. This unit depends on—

(1) An appropriate AG personnel service unit for processing personnel administrative actions to include classification, personal affairs, maintenance of personnel records, certain pay changes, personnel accounting, casualty reporting, rosters, and orders directing personnel actions.

(2) A finance direct support company for finance support.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

- Strength.* a. Level 1: Off 11 EM 49
Aggr 63
b. Level 2: Off 11 EM 47
Aggr 61
c. Level 3: Off 11 EM 41
Aggr 55

Basis of allocation. a. One per three to seven maintenance companies or their equivalent.

b. In the field army area, four per support group in the corps area and three per support group in the army service area, or 30 per field army.

c. In the COMMZ, normally a minimum of one per area support group and as required by field depots or area support organization for command and control of COMMZ maintenance support companies.

Category. II.

Mobility. Eighty-percent mobile.

**29-137G Hv Equip GS Maint Co, Army
Hv Equip GS Maint Co, COMMZ**

Mission. a. To provide general support maintenance for components and/or end items of wheeled and tracked vehicles (including combat and special-purpose vehicles), artillery, heavy construction equipment (including power equipment), heavy quartermaster equipment, and vehicle-mounted chemical equipment.

b. To provide general support maintenance for armament and fire control equipment (less guided-missile systems).

c. To perform general support maintenance for repair and return of area stocks to the Army supply system.

d. To provide overflow and backup maintenance support for items beyond the capability of direct support units.

Assignment. To field army and SMCOC. Normally attached to HHD, maintenance general support battalion, army; or HHD, maintenance general support battalion, COMMZ (TOE 29-136).

Capabilities. a. This unit—

(1) Has the following capabilities (expressed in maintenance equivalents):

<i>Equivalents</i>	<i>Level 1</i>	<i>Level 2</i>	<i>Level 3</i>
Automotive -----	6,160	5,388	4,816
Artillery -----	102	102	102
Small arms -----	21,960	18,300	10,980
Turret artillery -----	64	64	64
Instrument and fire control ---	6,846	6,846	6,846
Welding -----	4,380	4,380	3,285
Metal body -----	4,380	4,380	3,285
Machinist -----	5,152	4,508	3,864
Engineer-type equipment -----	1,235	1,040	845
Quartermaster heavy equipment	84	84	84
Chemical-type equipment -----	536	536	536

(2) Performs organizational maintenance on its organic equipment.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. This unit depends on the personnel service company for all personnel administration services.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 7 WO 9

EM 282 Aggr 298

b. Level 2: Off 7 WO 9

EM 256 Aggr 272

c. Level 3: Off 7 WO 9

EM 226 Aggr 242

d. Type B: Off 7 WO 9

EM 118 Aggr 134

Basis of allocation. a. For initial planning purposes, six per corps support brigade in a typical field army (12-division).

b. Nine per army support brigade.

c. Twenty-seven per FASCOM.

d. Nine per SMCOM, TASCOT.

Category. II.

Mobility. Seventy-percent mobile. Assistance will be required to accomplish displacement of stocks of heavy assemblies, unserviceable end items waiting repair, materiel undergoing repair, and personnel to make this unit 100-percent mobile.

29-138F Div DS Maint Co

Mission. To provide backup direct support maintenance and limited evacuation service for a division in the field army area. This mission does not include medical, cryptographic, automatic data processing system/electronic accounting machine, aircraft, air delivery equipment, or equipment maintained by army-wide services.

Assignment. To general support group. Normally attached to HHD, maintenance general support battalion, army; or HHD, maintenance general support battalion, COMMZ (TOE 29-136).

Capabilities. a. At full strength, this unit provides—

(1) Backup direct support maintenance and limited evacuation service for a division in the field army.

(2) Maintenance support for small arms and instruments beyond the capability of the supported unit.

(3) Technical assistance service for divisional units within the field army area.

b. This unit depends on—

(1) The general support maintenance units of the general support group for supplementary maintenance support.

(2) The personnel service company (TOE 12-67) for personnel services.

c. Augmentation of the personnel service section provides personnel administration when the unit is not provided personnel service by the personnel service company (EM 2).

d. This unit is not adaptable to a type B organization.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Full: Off 4 WO 4

EM 167 Aggr 175

b. Reduced: Off 4 WO 4

EM 124 Aggr 132

Basis of allocation. Normally 12 per field army or one per division supported.

Category. II.

Mobility. Sixty-percent mobile.

Remarks. TOE 29-138F will be rescinded upon reorganization of divisions under the G-series TOE and when units are no longer organized under this TOE.

29-139G Coll and Clas Co

Mission. To establish and operate a collection and classification facility for the receipt, inspection, segregation, disassembly, preservation, and disposition of serviceable and unserviceable class II and IV materiel and similar foreign materiel (except items peculiar to cryptographic material, missile systems, aircraft, airdrop equipment, drones, and medical materiel).

Assignment. To FASCOM or SMCOT. Normally attached to HHD, maintenance general sup-

port battalion, army; or HHD, maintenance general support battalion, COMMZ (TOE 29-136).

Capabilities. a. This unit—

(1) Disassembles end items that have been declared uneconomically repairable and classifies components and assemblies for repair, return to supply stocks, or disposal to the field service general support company (TOE 29-114) (army) or to the property disposal company (TOE 29-504) (COMMZ) (except items peculiar to missile systems, aircraft, drones, and cryptographic and medical materiel).

(2) Segregates, preserves, packages, and packs selected items of materiel, less items peculiar to missile systems, cryptographic, medical, and related components, for return to supply channels, for evacuation, or for technical intelligence evaluation.

(3) Operates a cannibalization point, when authorized by higher HQ, for items processed by the unit.

(4) Cannot perform direct support or general support maintenance.

(5) Performs all organizational maintenance on its organic equipment.

(6) Contains the following capabilities based on criteria for annual man-hours of productive maintenance:

<i>Equivalents</i>	<i>Level 1</i>	<i>Level 2</i>	<i>Level 3</i>
Mobility -----	137,470	116,500	90,870
Electronic -----	2,330	2,330	2,330
Service -----	9,320	9,320	9,320
Weapons -----	20,970	20,970	20,970

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. This unit depends on the personnel service company (TOE 12-67) for personnel services.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 5 WO 3

EM 208 Aggr 216

b. Level 2: Off 5 WO 3

EM 192 Aggr 200

c. Level 3: Off 5 WO 3

EM 172 Aggr 180

d. Type B: Off 5 WO 3

EM 76 Aggr 84

Basis of allocation. a. In the field army, one per corps support brigade and one per army support brigade, or four per typical field army.

b. In the COMMZ, one per field depot or as required, based on the capabilities indicated above.

Category. II.

Mobility. Fifty-percent mobile.

29-146G (PTOE) HHC, S&S Bn

Mission. To command and control assigned or attached direct support and/or general support supply and service organizations.

Assignment. To FASCOM, TASCOC, or independent corps. Normally assigned to HHC, support group (TOE 29-102); HHC, field depot (TOE 29-512); or HHC, area support group (TOE 54-442).

Capabilities. a. At level 1, this unit provides—

(1) Command, control, staff planning, and technical supervision for from two to six direct support and/or general support supply and service companies.

(2) Supervision for administration, training, and operations.

(3) Supervision for organizational supply and maintenance.

(4) Electronic accounting machine support service to subordinate units operating general support storage facilities.

b. Operating elements of the battalion HQ are staffed for a two-shift operation.

c. This unit exercises technical supervision over mission operations of subordinate units, except for those supply control functions for which the support brigade stock control center, the FASCOM inventory control center, or the TASCOC inventory control center is responsible.

d. This unit is not adaptable to a type B organization.

e. Individuals of this organization, except chaplain, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 16 WO 2

EM 82 Aggr 100

b. Level 2: Off 16 WO 2

EM 73 Aggr 91

c. Level 3: Off 16 WO 2

EM 62 Aggr 80

Basis of allocation. One per two to six direct support and/or general support supply and service companies.

Category. II.

Mobility. Fifty-percent mobile.

Remarks. PTOE 29-146G at ACSFOR, DA, for staffing at the time of preparation of this manual.

29-147G (PTOE) S&S Co, DS

Mission. To establish and operate a direct support supply and service facility in support of nondivisional troops to provide—

a. For the receipt, storage, and issue of all classes of supplies, less classes V, VIII, IX, and X and those associated with communication security, marine, and rail peculiar-type equipment; and items peculiar to airdrop.

b. Laundry service, lightweight textile renovation, graves registration service, decontamination service, and fresh baked bread products.

Assignment. a. To FASCOM or independent corps; normally attached to HHC, supply and service battalion (TOE 29-146).

b. To TASCAM; normally attached to HHC, area support group (TOE 54-422).

Capabilities. a. At level 1, this unit provides the following supply and service support for approximately 15,000 nondivisional troops:

(1) Requisitions, receives, stores, and issues class I, II, IV, VI, and VII supplies except communication security, marine, and rail peculiar-type equipment; and items peculiar to airdrop. Requisitions, receives, stores, issues, and distributes class III supplies.

(2) Provides the following class III supply support:

(a) Bulk storage (10,000-gallon collapsible tank)—140,000 gallons.

(b) Local delivery (two trips, 75-percent availability of vehicles):

1. 1,200-gallon tank trucks—10,800 gallons.

2. 5,000-gallon tank trucks—67,500 gallons.

(c) Bulk reduction to augment the capabilities of supported units, when required.

(3) Provides graves registration (collection, evacuation, and identification) services.

(4) Provides, when operating on a 12-hour shift, fresh bread for approximately 15,000 nondivisional troops, based on a normal bread ration of 0.5 pound per man per day.

(5) Provides, when operating on two 10-hour shifts per day, field laundry service for approximately 13,650 nondivisional troops based on a support requirement of 6 pounds per man per week; maintains prescribed stocks of clothing for issue on an emergency basis to replace contaminated clothing.

(6) Provides bath and clothing exchange service.

(7) Provides renovation service for clothing and lightweight (launderable) textiles for approximately 12,750 nondivisional troops.

(8) Maintains prescribed reserves of supplies for which the unit is responsible.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. The clothing exchange and bath section depends on the supported unit for provision of supplementary personnel required for the emplacement and displacement of the bath facility.

d. Appropriate teams from TOE 10-500 must be provided when the company handles class I perishable subsistence.

e. When employed in the COMMZ, team FB from the chemical service organization (TOE 3-500) will be attached to provide decontamination of critical areas and materiel for approximately 15,000 troops.

f. Additional or substitute materials-handling equipment will be based on criteria contained in TA 50-916. Additional materials-handling equipment operating teams and materials-handling equipment repair teams will be authorized from the composite service organization (TOE 29-500) and organizational maintenance teams (TOE 29-600).

g. Appropriate mess, supply, and maintenance teams from TOE 29-500 and TOE 29-600 must be provided when the company's authorized strength is increased by adding the various teams referred to above.

h. This unit depends on—

(1) An AG personnel service unit for personnel administration.

(2) A finance unit for finance services.

i. When additional direct support supply and service capability is required, it will be provided by an MTOE under the provisions of AR 310-31.

j. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 6 WO 1

EM 296 Aggr 303

b. Level 2: Off 6 WO 1

EM 269 Aggr 276

c. Level 3: Off 6 WO 1

EM 235 Aggr 242

d. Type B: Off 6 WO 1

EM 184 Aggr 191

Basis of allocation. As required in the COMMZ or field army, based on capabilities indicated above. For initial planning purposes, one company is organized at—

- a. Level 1 per 15,000 nondivisional troops.
- b. Level 2 per 13,500 nondivisional troops.
- c. Level 3 per 12,000 nondivisional troops.

Category. II.

Mobility. Fifty-percent mobile.

Remarks. PTOE 29-147G at ACSFOR, DA, for staffing at the time of preparation of this manual.

29-202F HHC, DS Gp

Mission. To provide command and control for assigned and attached combat service support units forming a composite multifunctional task organization.

Assignment. Normally to support brigade of the FASCOM.

Capabilities. a. At full strength, this unit provides the organizational structure, personnel, and equipment required for command and control of one supply and service battalion and two maintenance battalions or any combination of similar units up to the equivalent of five battalions.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) Other units for transportation for displacement and for medical services.

(2) An AG personnel service unit for processing personnel administrative actions to include classification, personal affairs, maintenance of personnel records, pay actions, personnel accounting, casualty reporting, rosters, and orders directing personnel actions.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Full: Off 18 WO 1

EM 58 Aggr 77

b. Reduced: Off 15 WO 1

EM 52 Aggr 68

Basis of allocation. As required; normally two per support brigade.

Category. II.

Mobility. Seventy-five-percent mobile.

29-207G Lt Maint Co, DS

Mission. To provide direct support maintenance, limited evacuation, and maintenance supply support for nondivisional units in the field army area. This mission does not include medical, cryptographic, automatic data processing system/electronic accounting machine, aircraft airdrop

supplies, rail, missile system equipment, radar, ammunition, photographic, chemical, marine, topographic, footwear, clothing, and telephone central office equipment.

Assignment. To FASCOM; normally attached to HHD, maintenance direct support battalion (TOE 29-136).

Capabilities. a. This unit—

(1) Provides the following annual man-hours of productive maintenance (approximate):

Type	Level 1	Level 2	Level 3
Office machine -----	11,650	9,320	9,320
Canvas and leather items ----	4,660	4,660	2,330
Quartermaster light equipment	16,310	11,650	11,650
Field radio equipment -----	6,990	6,990	6,990
Metal body repair -----	4,660	4,660	2,330
Welding -----	4,660	4,660	2,330
Machining -----	4,660	4,660	2,330
Quartermaster heavy equipment	2,330	2,330	2,330
Small-arms repair -----	4,660	4,660	4,660
Engineer equipment -----	11,650	9,320	9,320
Automotive equipment -----	130,480	109,510	97,860
Power generation equipment --	16,310	13,980	11,650
Field artillery equipment ----	2,330	2,330	2,330
Turret artillery equipment ---	9,320	6,990	4,660
Fire control inspection -----	2,330	2,330	2,330

(2) Performs organizational maintenance on its organic equipment.

(3) Provides maintenance repair parts supply for supported units. Personnel are provided to support a stockage list of approximately 7,000 line items.

b. This unit is not adaptable to a type B organization.

c. The unit depends on—

(1) An appropriate personnel service unit for all personnel administrative services.

(2) A finance service organization for finance services.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 4 WO 3

EM 207 Aggr 214

b. Level 2: Off 4 WO 3

EM 185 Aggr 192

c. Level 3: Off 4 WO 3

EM 161 Aggr 168

Basis of allocation. For initial planning purposes, 32 per FASCOM supporting a typical field army of 12 divisions (eight per corps support brigade and eight per army support brigade).

Category. II.

Mobility. Eighty-percent mobile for organic personnel and equipment.

29-208G Maint Co, Rr, DS

Mission. To provide direct support maintenance, limited evacuation, and maintenance support for nondivisional units on an area basis. Exceptions to these mission responsibilities are cryptographic, aircraft, medical, marine and rail equipment, airdrop supplies, ammunition, missile system equipment, clothing, footwear, and light textiles.

Assignment. To FASCOM; normally attached to HHD, maintenance direct support battalion, army (TOE 29-136).

Capabilities. a. This unit—

(1) Provides the following annual man-hours of productive maintenance (approximate):

Type	Level 1	Level 2	Level 3
Office machine -----	20,970	16,310	11,650
Canvas and leather items -----	11,650	9,320	6,990
Quartermaster light equipment -----	18,640	13,980	9,320
Field radio equipment -----	18,640	18,640	13,980
Metal body repair -----	6,990	4,660	4,660
Welding -----	9,320	6,990	6,990
Machining -----	4,660	4,660	4,660
Quartermaster heavy equipment -----	4,660	4,660	4,660
Small-arms repair -----	6,990	4,660	4,660
Engineer equipment -----	20,970	16,310	13,980
Automotive equipment -----	79,220	79,220	60,580
Power generation equipment --	30,290	25,630	20,970
Turret artillery equipment ---	6,990	6,990	4,660
Fire control instruments -----	6,990	4,660	4,660
Refrigeration -----	6,990	4,660	2,330
Engineer special electronic devices.	4,660	4,660	4,660
Topographic equipment -----	2,330	2,330	2,330
Meteorological equipment ----	2,330	2,330	2,330
Chemical -----	4,660	2,330	2,330
Radar -----	11,650	11,650	9,320
Telephone -----	6,990	6,990	6,990
Teletypewriter -----	4,660	4,660	4,660
Electrical components -----	6,990	6,990	4,660
Electronic instruments and equipment.	11,650	11,650	9,320

(2) Performs organizational maintenance on its organic equipment.

(3) Provides backup maintenance support for the light maintenance companies.

(4) Provides maintenance repair parts supply for supported units. Personnel are provided to support a stockage list of approximately 14,000 line items.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) An appropriate personnel administrative service unit for all personnel administrative services.

(2) A finance service organization for finance services.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 7 WO 7

EM 291 Aggr 305

b. Level 2: Off 7 WO 7

EM 264 Aggr 278

c. Level 3: Off 7 WO 7

EM 227 Aggr 241

Basis of allocation. Sixteen per FASCOM supporting a typical field army of 12 divisions (four per corps support brigade and four per army support brigade).

Category. II.

Mobility. Eighty-percent mobile for organic personnel and equipment.

29-215G S&S Bn, DS

Mission. To provide direct support supplies and services, less those provided by the army-wide services, to nondivisional units in the combat zone.

Assignment. a. To FASCOM; normally attached to HHC, direct support group (TOE 29-202).

b. To COMMZ commands; may be attached to HHC, field depot (TOE 29-512).

Capabilities. a. At level 1, this unit—

(1) Provides direct support supplies and services for approximately 30,000 nondivisional troops.

(2) Operates supply and service points to receive, store, issue, and distribute class I, III, and all II and IV supplies, except for repair parts, maintenance materiel, medical supplies, and quartermaster air items.

(3) Provides storage for approximately 280,000 gallons of bulk petroleum in collapsible tanks. Distributes locally approximately 156,000 gallons of bulk petroleum per day.

(4) Based on 75-percent vehicle availability, transports in one lift—

(a) When attached to a corps support brigade, 276 short tons of general cargo or 1,300 personnel (20 per 2½-ton truck; 50 per stake and platform trailer).

(b) When attached to the army rear support brigade or COMMZ, 552 short tons of general cargo or 2,600 personnel (20 per 2½-ton truck; 50 per stake and platform trailer).

(5) Operates salvage collecting points.

(6) Provides—

- (a) Graves registration service.
- (b) Map supply service.
- (c) Laundry, bath, and clothing exchange service. Maintains prescribed stocks of clothing for emergency replacement of contaminated items.
- (d) Emergency clothing impregnation service.
- (e) Decontamination services incident to CBR operations.

(7) Maintains prescribed reserves of designated supplies.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. This unit depends on other units for medical, dental, and religious services.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. When employed in corps area:

- (1) Level 1: Off 29 WO 3
EM 779 Aggr 811
- (2) Level 2: Off 29 WO 3
EM 697 Aggr 729
- (3) Level 3: Off 29 WO 3
EM 615 Aggr 647
- (4) Type B: Off 29 WO 3
EM 473 Aggr 505

b. When employed in army service area or in COMMZ:

- (1) Level 1: Off 33 WO 4
EM 976 Aggr 1,013
- (2) Level 2: Off 33 WO 4
EM 873 Aggr 910
- (3) Level 3: Off 33 WO 4
EM 771 Aggr 808
- (4) Type B: Off 33 WO 4
EM 557 Aggr 594

Basis of allocation. a. One per direct support group, normally on the basis of two per support brigade.

b. To COMMZ, as required.

Category. II.

Mobility. For mobility of components of this battalion, see applicable TOE extracts.

Components. a. One HHC (29-216G).

b. Two supply and service companies (TOE 29-217G).

c. One transportation light-medium truck company (TOE 55-67G).

29-216G HHC, S&S Bn, DS

Mission. a. To provide command, administra-

tive, and technical supervision for the supply and service battalion, direct support.

b. To bake and provide fresh bread for troops supported by the battalion.

c. To provide decontamination services incident to CBR operations.

Assignment. Organic to supply and service battalion, direct support (TOE 29-215).

Capabilities. a. At level 1, this unit—

(1) Provides command, control, staff planning, coordination, and supervision for the operations, training, and administration of organic and attached elements of the supply and service battalion, direct support.

(2) Provides battalion-level administrative, communication, and supply support. Provides battalion-level maintenance support for the HQ company and two supply and service companies (TOE 29-217). When mechanics who are authorized for battalion-level maintenance in the transportation light-medium truck company (TOE 55-67) are attached, provides battalion-level maintenance for the entire battalion.

(3) When operating two 10-hour shifts per day, can bake and provide fresh bread for approximately 30,000 troops based on a normal bread ration of 0.5 pound per man per day.

(4) Provides field decontamination service for critical areas and materiel in the event of CBR operations. Decontamination personnel and equipment are adaptable for firefighting and mobile shower service.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. This unit depends on—

(1) The group HQ of the unit to which assigned for chaplain service.

(2) An AG personnel service unit for processing personnel administrative actions to include classification, personal affairs, maintenance of personnel records, pay actions, personnel accounting, casualty reporting, rosters, and orders directing personnel actions.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 13 WO 2
EM 106 Aggr 121

b. Level 2: Off 13 WO 2
EM 93 Aggr 108

c. Level 3: Off 13 WO 2
EM 79 Aggr 94

d. Type B: Off 13 WO 2
EM 87 Aggr 102

Basis of allocation. One per supply and service battalion, direct support (TOE 29-215).

Category. II.

Mobility. Ninety-percent mobile.

29-217G S&S Co, S&S Bn, DS

Mission. To provide direct support supplies and services for nondivisional troops in the combat zone.

Assignment. Organic to supply and service battalion, direct support (TOE 29-215).

Capabilities. a. At level 1, this unit—

(1) Provides direct support supplies and services for approximately 15,000 nondivisional troops.

(2) Operates supply and service points.

(3) Requisitions, receives, stores, issues, and distributes class I, III, and all II and IV supplies, except for repair parts, maintenance materiel, and medical and quartermaster air delivery equipment.

(4) Provides the following class III supply support:

(a) Bulk storage (collapsible tanks, 10,000-gallon)—140,000 gallons.

(b) Local delivery (two trips, 75-percent availability of vehicles):

1. 1,200-gallon tank trucks (six each)—10,800 gallons.

2. 5,000-gallon tank trucks (nine each)—67,500 gallons.

(c) Bulk reduction to augment the capabilities of supported units, when required.

(5) Operates a salvage collecting point.

(6) Provides graves registration (collection and evacuation) service.

(7) Provides map supply service for units assigned FASCOM.

(8) Provides laundry, bath, and clothing exchange service. Maintains prescribed stocks of clothing for issue on an emergency basis to replace contaminated clothing and provides emergency clothing impregnation service.

(9) Maintains prescribed reserves of supplies for which the unit is responsible.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. This unit depends on—

(1) An AG personnel service unit for processing personnel administrative actions to include classification, personal affairs, maintenance of personnel records, pay actions, personnel ac-

counting, casualty reporting, rosters, and orders directing personnel actions.

(2) Battalion support for organizational signal maintenance.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 6 EM 238
Aggr 244

b. Level 2: Off 6 EM 214
Aggr 220

c. Level 3: Off 6 EM 190
Aggr 196

d. Type B: Off 6 EM 151
Aggr 157

Basis of allocation. Two per supply and service battalion, direct support (TOE 29-215).

Category. II.

Mobility. Sixty-five-percent mobile.

29-227G Army Calbr Co

Mission. To provide secondary reference and secondary transfer calibration service for all test and measuring equipment requiring calibration used with Army materiel in depots; general support and direct support units; and, where required, tactical units.

Assignment. Normally to SMCOM and attached to field depot in the COMMZ. Secondary transfer sections may be attached to independent corps of USSTRICOM units, when required, but these sections must be based on a secondary reference facility.

Capabilities. a. At level 1, this unit provides secondary reference and secondary transfer calibration support for units in the field army and COMMZ.

b. This unit is not adaptable to a type B organization.

c. The unit must maintain its secondary reference standards in a temperature- and humidity-controlled facility. Secondary reference support can be provided only when suitable facilities are provided by the theater commander.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 4 WO 14
EM 108 Aggr 126

b. Level 2: Off 4 WO 12
EM 96 Aggr 112

c. Level 3: Off WO 10
EM 81 Aggr 94

Basis of allocation. One or more per theater, as required.

Category. III.

Mobility. Eighty-percent mobile. The secondary reference facility must be considered fixed because its mission accomplishment is restricted to the building in which the facility must be housed.

29-245G Spt Bn, Sep Lt Inf Bde

Mission. To provide brigade-level supply, direct support maintenance, medical service, and miscellaneous services for all assigned or attached elements of the brigade.

Assignment. To separate light infantry brigade (TOE 77-100).

Capabilities. a. At level 1, this unit—

(1) Provides brigade-level logistic support to include receipt, temporary storage, maintenance in storage, and issue of class I and II and IV supplies and equipment, except for cryptographic supplies. Provides maps required in support of the brigade.

(2) Provides direct support maintenance, except for cryptographic items.

(3) Provides brigade-level medical service, including evacuation, establishment and operation of clearing stations, emergency dental treatment, and medical supply.

(4) Has a limited capability to carry brigade reserve supplies.

(5) Provides staff advice to the brigade commander on supply, maintenance, and transportation functions.

(6) Maintains the brigade ammunition office. Provides technical assistance to using units in maintenance of class V supplies.

(7) Provides personnel administrative services to organic and attached units of the brigade.

(8) Operates on a 24-hour basis.

b. This unit is not adaptable to a type B organization.

c. When augmented by appropriate teams from—

(1) TOE 3-500, provides limited chemical warfare training to the brigade.

(2) TOE 10-500 and TOE 29-820, provides graves registration service, limited bath service, and a salvage collecting point for the brigade.

d. Individuals of this organization, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 38 WO 10

EM 457 Aggr 505

b. Level 2: Off 38 WO 10

EM 423 Aggr 471

c. Level 3: Off 36 WO 10

EM 389 Aggr 435

Basis of allocation. One per separate light infantry brigade (TOE 77-100).

Category. II.

Mobility. For mobility of the components of this battalion, see applicable TOE extracts.

Components. a. One HHD (TOE 29-246G).

b. One administration company (TOE 12-197G).

c. One maintenance and supply company (TOE 29-247G).

d. One medical company (TOE 8-197G).

29-246G HHD, Spt Bn, Sep Lt Inf Bde

Mission. To provide command and control for the brigade support battalion's organic and attached units, except for operational control of the brigade special staff elements of the administration company, separate light infantry brigade (TOE 12-197).

Assignment. Organic to support battalion, separate light infantry brigade (TOE 29-245).

Capabilities. a. At level 1, this unit—

(1) Provides supervision and control for logistic operations of a brigade consisting of from two to four maneuver battalions and normal supporting units.

(2) Advises the brigade commander on supply and maintenance operations.

(3) Supervises nontechnical training for personnel and units of the brigade support battalion.

(4) Determines requirements for the brigade.

(5) Directs the receipt, temporary storage, issue, and/or distribution of supplies. Maintains necessary records relating to these actions.

(6) Operates on a 24-hour basis.

(7) Supervises routine unit administration and supply within the brigade support battalion.

(8) Conducts inspections to determine the fitness of the brigade support battalion and attached units to perform tactical functions in the field.

(9) Consolidates and disseminates information to the brigade support battalion and higher HQ.

(10) Coordinates RAP plans for the brigade rear area.

(11) Plans, coordinates, and supervises all direct support maintenance and repair parts sup-

ply activities for all equipment of the brigade, except for cryptographic and medical equipment.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) The administration company (TOE 12-197) for personnel administrative services.

(2) The maintenance and supply company (TOE 29-247) for mess and organizational maintenance support.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 12 WO 1
EM 52 Aggr 65
b. Level 2: Off 12 WO 1
EM 45 Aggr 58
c. Level 3: Off 12 WO 1
EM 38 Aggr 51

Basis of allocation. One per support battalion, separate light infantry brigade (TOE 29-245).

Category. II.

Mobility. Seventy-percent mobile.

29-247G Maint and Sup Co, Spt Bn, Sep Lt Inf Bde

Mission. a. To provide direct support maintenance and repair parts service for brigade materiel, except for medical, cryptographic, chemical, and automatic data processing equipment; field artillery data computer; carrier; and topographic instruments.

b. To support the brigade and attached units by providing all classes of supply.

c. To provide and maintain the brigade reserve of supplies and equipment for which the unit is responsible.

Assignment. Organic to support battalion, separate light infantry brigade (TOE 29-245).

Capabilities. a. This unit—

(1) Performs the following annual man-hours of productive maintenance:

Type	Level 1	Level 2	Level 3
Automotive -----	46,660	44,270	44,270
Artillery -----	2,330	2,330	2,330
Small arms -----	6,990	6,990	6,990
Turret artillery -----	2,330	2,330	2,330
Instrument -----	2,330	2,330	2,330
Engineer -----	18,640	18,640	18,640
Quartermaster -----	6,990	6,990	6,990
Electronic -----	6,990	6,990	6,990
Radio -----	18,640	18,640	18,640
Avionic -----	4,660	4,660	4,660
Aircraft armament -----	2,330	2,330	2,330
Aircraft -----	13,980	13,980	13,980

(2) Provides maintenance support for refrigeration, photographic equipment, and canvas and leather items (less tarpaulins for vehicles and artillery pieces). This support is limited to inspection, classification, and minor repair.

(3) Provides repair parts supply for approximately 5,000 authorized stockage list line items and storage for approximately 15 days' supply of fast-moving items.

(4) Maintains an operational readiness float of selected end items.

(5) Provides limited vehicular recovery and evacuation assistance to supported units.

(6) Receives, provides temporary storage, maintains in storage, and issues class I and II and IV supplies and equipment, except for medical and cryptographic supplies.

(7) Receives and provides temporary storage for class III supplies. Controls and supervises the operation of the brigade class III transfer and distribution points.

(8) Provides and maintains the brigade reserve of supplies for which the unit is responsible

(9) Maintains the brigade ammunition office on a 24-hour operation.

(10) Performs organizational maintenance on organic equipment and provides organizational maintenance support for HHD, support battalion (TOE 29-246). Provides battalion-level maintenance for all elements of the support battalion.

(11) Provides technical assistance service for all elements of the brigade.

b. This unit is not adaptable to a type B organization.

c. Graves registration service, limited bath service, and a salvage collecting point must be provided by appropriate teams from TOE 10-500 and TOE 29-620, established by an MTOE action under the provisions of AR 310-31.

d. This unit depends on the administration company, separate light infantry brigade (TOE 12-197), for personnel service.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 7 WO 7
EM 234 Aggr 248
b. Level 2: Off 7 WO 7
EM 225 Aggr 239
c. Level 3: Off 7 WO 7
EM 216 Aggr 230

Basis of allocation. One per support battalion, separate light infantry brigade (TOE 29-245).

Category. II.

Mobility. Seventy-percent mobile in organic transportation.

29-307G Spt Co, USAMICOM, Air Transportable

Mission. To establish and operate a direct support supply and service facility to provide—

a. For the receipt, storage, and issue of all classes of supplies except those associated with airdrop, communication, and cryptographic functions.

b. Medical service, decontamination service, and graves registration service.

Assignment. Organic to U.S. Army missile command, air transportable (TOE 39-51).

Capabilities. a. At level 1, this unit—

(1) Provides for the requisitioning, receipt, storage, issue, and distribution of class I, II, III, and IV supplies, excluding those associated with airdrop, communication, and cryptographic functions; and class V supplies, including special ammunition and components.

(2) Provides a special ammunition support capability to include—

(a) Mobile receipt, storage, and issue of an average of eighteen 762-mm rockets with nuclear warheads and ADM's per day.

(b) Technical assistance on special ammunition matters to supported units.

(c) Special ammunition (nuclear) calibration service for supported units, using secondary transfer standards.

(3) Provides transportation (at 75-percent availability) and personnel—

(a) To move 210 short tons of general cargo in local hauls daily, or

(b) To compile 6,562 forward ton-miles daily in line hauls, or

(c) To move 375 personnel at one lift in local hauls, or

(d) To move 240 personnel at one lift in line hauls, or

(e) Any appropriate combination of (a) —(d) above.

(4) Provides organizational and battalion-level vehicular maintenance for other elements of the U.S. Army missile command, air transportable, as follows:

(a) HHC (TOE 39-52).

(b) Signal company (TOE 11-237).

(c) Rifle company (TOE 7-17).

(5) Performs radiological survey at the rate of—

(a) One-half square mile per hour on foot.

(b) Four square miles per hour by vehicle.

(c) One hundred and fifty square miles per hour when using two fixed- or rotary-wing aircraft.

(6) Provides toxic chemical detection and identification service.

(7) Provides field CBR decontamination service for vital areas and equipment for a force of approximately 1,500 troops.

(8) Provides medical service on an area basis for units not having organic medical means and medical supplies to all units of the command.

b. This unit is not adaptable to a type B organization.

c. This unit depends on HHC, U.S. Army missile command, air transportable (TOE 39-52), for personnel service, religious support, and necessary aviation support.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 8 WO 4

EM 152 Aggr 164

b. Level 2: Off 8 WO 4

EM 135 Aggr 147

c. Level 3: Off 7 WO 4

EM 118 Aggr 129

Basis of allocation. One per U.S. Army missile command, air transportable (TOE 39-51).

Category. II.

Mobility. Eighty-percent mobile.

29-402G Invst Con Co, FASCOM

Mission. To perform integrated inventory control for all classes of supplies, less medical, for which the FASCOM or COSCOM has jurisdiction, when supported by automatic data processing and related equipment.

Assignment. To FASCOM or COSCOM of an independent corps force.

Capabilities. a. At level 1, this unit can provide integrated inventory control (supply management) supporting a field army of two or three corps in combat. This capability includes the following:

(1) Provides—

(a) Storage and distribution direction.

(b) Receipt and processing of requisitions from stock control centers and other designated activities.

(c) Review and analysis of demands and computations of field army requirements for supplies and equipment.

(d) Continuous study of the supply system.

(e) Operation of two 12-hour shifts.

(f) Personnel for operation of a special ammunition logistical element at field army HQ.

(g) Organizational maintenance for organic equipment.

(2) Initiates, within policies and directives of FASCOM HQ, action to fulfill supply requirements by requisition on the COMMZ, local procurement, and/or redistribution of supplies.

(3) Approves, within established policies, additions to or deletions from Army stockage lists and adjustments to requisitioning objectives.

(4) Reports significant supply data to the FASCOM staff.

(5) Determines effects of new or modified supply directives on the field army supply management system.

(6) Coordinates, within policies and directives of FASCOM HQ, with the maintenance management center on repair of materiel to support the supply system and other related matters.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) The signal operations company, medium HQ (TOE 11-127), for internal communications. External communications are provided by the common-user communication system installed by elements of the army signal brigade.

(2) An AG personnel service unit for personnel services.

(3) The FASCOM for chaplain and medical services.

(4) Engineer and signal construction support, especially when the unit is relocated.

(5) Army-wide transportation service for transportation to move the unit.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 49 WO 3
EM 215 Aggr 267

b. Level 2: Off 49 WO 3
EM 191 Aggr 243

c. Level 3: Off 48 WO 3
EM 164 Aggr 215

Basis of allocation. One per FASCOM.

Category. II.

Mobility. Fifteen-percent mobile.

29-403T Maint Mgt Det, SMCOM, TASCOT
Maint Mgt Det, FASCOM
Maint Mgt Det, Corps/Army
Spt Bde
Maint Mgt Det, ASCOM, TASCOT

Mission. a. To provide integrated routine maintenance management over maintenance activities of the command.

b. To collect, sort, and analyze maintenance data generated by subordinate maintenance elements of the command in consonance with the Army equipment records system.

c. To provide the various staff elements, under the assistant chief of staff, maintenance, maintenance data on which to base studies and recommendations for the command.

Assignment. a. To SMCOM, TASCOT.

b. To ASCOM.

c. To FASCOM.

d. To corps/army support brigade.

Capabilities. a. Maintains continuous evaluation of workload and capabilities of maintenance units and cross-levels workload or resources to achieve compatibility and highest efficiency.

b. Maintains materiel readiness status of the command based on analyses of statistical data provided through the automatic data processing center.

c. In collaboration with the staff elements under the assistant chief of staff, maintenance, of the command—

(1) Coordinates materiel maintenance priorities with the inventory control center/stock control center.

(2) Determines requirements for maintenance personnel, units, skills, tools, and test equipment.

d. This unit is not adaptable to levels 2 and 3 or to a type B organization.

e. This unit requires appropriate signal communication support.

f. This unit depends on—

(1) An automatic data processing unit in the utilization of automatic data processing equipment.

(2) Its parent organization for mess, administration, personnel services, transportation, and medical services.

g. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. When assigned to SMCOM, TASCOT:

Levels 1 through 3: Off 8

- EM 24 Aggr 32
 b. When assigned to FASCOM:
 Levels 1 through 3: Off 7
 EM 12 Aggr 19

c. When assigned to corps/army support brigade:

- Levels 1 through 3: Off 6
 EM 20 Aggr 26

d. When assigned to ASCOM, TASC-
 COM:

- Levels 1 through 3: Off 7
 EM 19 Aggr 26

Basis of allocation. a. One per SMCOM (TOE 54-312).

- b. One per ASCOM (TOE 54-402).
 c. One per FASCOM (TOE 54-12).
 d. One per support brigade (TOE 54-22).

Category. II or III, depending on the assignment.

Mobility. Fixed.

29-404T Stk Con Co, Spt Bde

Mission. To provide personnel to perform centralized stock control for all classes of supplies for which the support brigade has jurisdiction, when supported by automatic data processing and related equipment.

Assignment. To FASCOM; normally attached to HHC, support brigade (TOE 54-22).

Capabilities. a. At level 1, this unit can provide central stock control for a support brigade supporting from two to four divisions in combat or their equivalent and—

(1) Provide—

- (a) Storage and distribution direction.
 (b) Receipt and processing of requisitions from direct support and other designated activities.

(c) Review and analysis of demands and computation of requirements for supplies and equipment for supported forces.

(d) Stock record for 50,000 line items required by supported units.

(e) Continuous study of the supply system.

(f) Personnel for operation of a special ammunition logistical element at corps HQ.

(g) Operation of two 12-hour shifts, as required.

(2) Initiate, within policies and directives of higher HQ, actions to fulfill supply requirements by requisitions on the FASCOM inventory control center, local procurement, and/or redistribution of supplies.

(3) Recommend additions to or deletions from the support brigade stockage lists and adjustments to requisitioning objectives.

(4) Report significant supply data to the brigade staff.

b. This unit is not adaptable to a type B organization.

c. The weapons and munitions branch is omitted when this unit is employed with the army support brigade. Deletion will be accomplished by the MTOE under the provisions of AR 310-31.

d. This unit depends on—

(1) The signal small HQ operations company (TOE 11-147) for internal communications. External communications are provided by the common-user communication system installed by elements of the army signal brigade.

(2) Appropriate teams from TOE 29-500 for data processing service.

(3) An AG personnel service unit for personnel services.

(4) An area medical unit for medical service.

(5) The support brigade HQ for chaplain service.

(6) Transportation service units for transportation during displacement.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 37 WO 2
 EM 148 Aggr 187

b. Level 2: Off 37 WO 2
 EM 129 Aggr 168

c. Level 3: Off 31 WO 2
 EM 116 Aggr 149

Basis of allocation. Three per FASCOM in support of two corps and four per FASCOM in support of three corps, normally on the basis of one per corps support brigade and one per army support brigade.

Category. II.

Mobility. Fifteen-percent mobile.

29-407G Rr Area Dam Con Det

Mission. To plan, supervise, and execute rear area damage control measures at the scene of destruction in the COMMZ.

Assignment. To TASC, as required.

Capabilities. a. At level 1, this unit—

(1) Moves rapidly to the scene of destruction.

(2) Assesses and reports damage.

(3) Controls and provides professional direction for rear area damage control operations.

(4) Performs limited rescue, first aid, firefighting, traffic control, chemical and radiological monitoring, and decontamination services.

(5) Supervises augmentation teams furnished by service units.

(6) Plans damage control tasks for other units.

(7) Trains other units in rear area damage control tasks.

(8) Augments aeromedical evacuation.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) An AG personnel service unit for personnel services.

(2) The HQ to which assigned for administrative and supply support.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 3 WO 4
EM 51 Aggr 58

b. Level 2: Off 3 WO 4
EM 45 Aggr 52

c. Level 3: Off 3 WO 4
EM 42 Aggr 49

Basis of allocation. One per rear area damage control sector in the COMMZ.

Category. III.

Mobility. One hundred-percent mobile.

29-408G (DPTOE) RAOC

Mission. To provide RAP contingency planning, training, and control for operations and command for designated RAP forces.

Assignment. a. To each area support group in TASCUM.

b. To each support group in the army support brigade of the FASCOM.

Capabilities. a. At level 1, this unit—

(1) Provides command, staff planning, and operation of RAP forces.

(2) Prepares contingency plans for protection of rear area resources.

(3) Inspects, supervises, and trains RAP forces.

(4) Collects, collates, and disseminates information pertaining to current operations of the area.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) The personnel service company for processing administrative actions to include classification, personal affairs, maintenance of personnel records, pay actions, personnel accounting, casualty reporting, rosters, and orders directing personnel actions.

(2) The finance direct support company for finance direct support services.

(3) Other units for mess, motor, radio, and power generator maintenance support.

(4) The HQ or other unit to which attached for mess and organizational maintenance facilities and supervision. Mess and maintenance personnel are provided herein to supplement the capabilities of the unit to which attached for these services.

d. When organic mess and maintenance capabilities are required additional personnel and equipment must be provided by teams from TOE 29-500 and TOE 29-600.

Strength. a. Level 1: Off 20 EM 61
Aggr 81

b. Level 2: Off 20 EM 53
Aggr 73

c. Level 3: Off 20 EM 46
Aggr 66

Basis of allocation. a. One per area support group in TASCUM.

b. One per support group in the army support brigade for the field army service area.

c. As required.

Category. II.

Mobility. Seventy-percent mobile.

Remarks. DPTOE 29-408G at HQ, USACDC, for review at the time of preparation of this manual.

29-427G Maint Co (DS) (COMMZ)

Mission. To provide direct support and general support maintenance for units assigned to, or passing through, the COMMZ. Exceptions to this maintenance support mission are artillery, cryptographic equipment, fire control equipment, automatic data processing/electronic accounting machine, quartermaster air equipment, aircraft, aircraft components, and ground control approach and medical equipment, which will be maintained by other specialized maintenance units.

Assignment. To COMMZ; normally attached to HHD, maintenance support battalion (TOE 29-136).

Capabilities. a. Thus unit—

(1) Can perform the following annual man-hours of productive maintenance (direct support):

Type	Level 1	Level 2	Level 3
Automotive items -----	170,500	155,000	148,800
Chemical items -----	6,200	6,200	6,200
Engineer heavy equipment items -----	31,000	31,000	31,000
Fuel-electrical system items --	15,500	12,400	12,400
Generator items -----	15,500	15,500	12,400
Office machine items -----	3,100	3,100	3,100
Quartermaster heavy equipment items.	6,200	6,200	6,200
Quartermaster light equipment items.	6,200	6,200	6,200
Refrigeration items -----	6,200	6,200	6,200
Small-arms items -----	12,400	9,300	9,300
Special electronic device items.	9,300	9,300	9,300
Topographical items -----	3,100	3,100	3,100
Signal equipment items -----	43,400	43,400	43,400
Clothing-textile items -----	43,400	43,400	43,400

(2) Has a secondary mission capability to perform the following annual man-hours of productive maintenance (general support):

Type	Level 1	Level 2	Level 3
Automotive items -----	62,000	46,500	31,000
Chemical items -----	6,200	6,200	3,100
Engineer heavy equipment items.	21,700	15,500	12,400
Fuel-electrical system items --	15,500	12,400	9,300
Generator items -----	15,500	12,400	9,300
Small-arms items -----	9,300	9,300	6,200
Signal equipment items -----	15,500	15,500	15,500

Note. Availability criteria based on category III unit, allowing 3,100 annual productive man-hours' availability.

b. Required maintenance beyond the capabilities or capacity of this unit will be evacuated to designated field depots or performed by cellular repair teams from the TOE 29-600 series that may be attached to the unit.

c. This unit depends on—

(1) The signal communication center operations company (TOE 11-137) for support or other appropriate units for external signal communication services.

(2) Appropriate units for medical support and for transportation support during displacement.

(3) The personnel service company (TOE 12-67) for personnel administrative services.

d. The capabilities of a type B organization are the same as those of a level 1 organization.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 8 WO 10
EM 289 Aggr 307
b. Level 2: Off 8 WO 10
EM 261 Aggr 279
c. Level 3: Off 8 WO 10
EM 233 Aggr 251
d. Type B: Off 8 WO 10
EM 206 Aggr 224

Basis of allocation. For initial troop planning purposes, one per 4,640 troops in the COMMZ.

Category. III.

Mobility. Thirty-percent mobile in organic transportation.

29-449G LS Co

Mission. To provide military personnel for general duty where security and strict military control are required. This unit, when authorized, may provide necessary guards for prisoners of war when performing general duty incident to combat service support activities. The ratio of guards to prisoners of war varies with the circumstances.

Assignment. To TASCOC; normally attached to the lowest command HQ with a requirement for the company.

Capabilities. a. When handling assorted supplies, depending on the bulk and movement involved, provides tonnage-handling capabilities as follows:

Unit	Labor personnel			Capability (in tons per hour)		
	Level 1	Level 2	Level 3	Level 1	Level 2	Level 3
Company	136	128	114	68.0	64	57.0
Platoon	34	32	38	17.0	16	19.0
Section	17	16	19	8.5	8	9.5

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. Each platoon and/or section can operate separately when provided administrative and logistic support.

d. This unit does not have organic vehicles to move itself when locating or relocating.

e. This unit depends on—

(1) The unit to which attached or assigned for motor maintenance and supplemental transportation.

(2) An AG personnel service unit for personnel administrative services.

(3) The finance service organization (TOE 14-500) for finance services.

f. Individuals of this organization can engage

in effective, coordinated defense of the unit's area or installation.

- Strength.* a. Level 1: Off 5 EM 161
Aggr 160
b. Level 2: Off 5 EM 152
Aggr 157
c. Level 3: Off 4 EM 134
Aggr 138
d. Type B: Off 5 EM 21
Aggr 26

Basis of allocation. As required in the COMMZ. Allocation may be determined by the following formula:

$$\text{Units required} = \frac{\text{Tons to be handled}}{\text{Time limit (hours)} \times \text{unit capability}}$$

Category. III.

Mobility. Ten-percent mobile in organic transportation.

29-500G Comp Svc Org

Mission. a. To provide supply or administrative services where units of less than company size are required.

b. To increase the productive capacity of fixed-strength units where increments of less than company size are required.

c. To provide command and administrative personnel for composite service units.

Assignment. To division, corps, army, COMMZ, or theater for attachment as required.

Capabilities. a. The capabilities of units organized under this TOE will vary with the size and groupings of the teams used. Capabilities for each individual team are as indicated in the detailed breakdown of teams below.

b. These teams are not adaptable to levels 2 and 3 or to a type B organization.

c. The majority of these teams must be furnished administrative, mess, supply, and organizational maintenance service.

d. Individuals of these teams can assist the unit to which attached in the coordinated defense of their area or installation.

Strength. See individual teams below for strengths.

Basis of allocation. The allocation of units organized under this TOE will vary with the individual requirements. Allocations for individual teams are as indicated in the detailed breakdown of teams below.

Category. The category of each team will depend on the area of employment of the unit to which assigned or other varying conditions under which the team may operate.

Mobility. See individual teams below for mobility.

Detailed Breakdown of Teams Administrative Headquarters Detachments Teams AA—AD

Team AA, platoon headquarters, component

Capabilities. Commands two or more teams as a component of a higher level unit.

Strength. Off 1 EM 2 Aggr 3

Basis of allocation. One per two or more teams with an aggregate strength of not less than 40 individuals and to which a commissioned officer is not organically assigned.

Mobility. Fixed.

Team AB, platoon headquarters, separate

Capabilities. Provides command and administrative control for a platoon composed of two or more teams that are not part of a higher level unit.

Strength. Off 1 EM 3 Aggr 4

Basis of allocation. One per two or more teams with an aggregate strength of not less than 40 individuals and to which a commissioned officer is not organically assigned.

Mobility. Seventy-five-percent mobile.

Team AC, company headquarters

Capabilities. Provides command and administrative control for two or more platoons or units of equivalent composition.

Strength. Off 2 EM 6 Aggr 8

Basis of allocation. One per unit consisting of two or more platoons with an aggregate strength of not less than 80 individuals.

Mobility. One hundred-percent mobile.

Team AD, battalion headquarters

Capabilities. Provides command, administrative, and limited technical supervision for from two to seven companies or detachments or teams of equivalent size. Depends on a personnel service company (TOE 12-67) or equivalent for centralized personnel services.

Strength. Off 8 WO 2 EM 29 Aggr 39

Basis of allocation. One per two to seven companies or combination of companies, detachments, or teams.

Mobility. Fifty-percent mobile.

Supply Detachments Teams BA—BR

Team BA, unit armorer/supply detachment

Capabilities. Provides an armorer to units having the responsibility to maintain between 150

and 300 weapons and when the unit is not otherwise authorized an armorer position. Also provides a unit supply specialist to units with 150 weapons or less when strengths exceed unit supply personnel capabilities.

Strength. EM 1

Basis of allocation. As required, based on the above capabilities.

Mobility. Assumes the mobility of the unit to which attached.

Team BB, unit supply

Capabilities. Provides an additional supply capability in instances where a unit's strength is increased beyond authorized capabilities. Also provides a unit supply specialist to a unit not otherwise authorized this position.

Strength. EM 1

Basis of allocation. As required, based on the above capabilities.

Mobility. Assumes the mobility of the unit to which attached.

Team BC, transportation supply

Capabilities. Can requisition, receive, store, issue, and maintain records for approximately 1,500 line items per month.

Strength. Off 1 EM 3 Aggr 4

Basis of allocation. One per harbor craft unit of 10 to 20 vessels, organized under the TOE 55-500 series; one per company composed of from three to five rail maintenance teams organized under the TOE 55-500 series; or as required for comparable units.

Mobility. One hundred-percent mobile.

Team BD, transportation supply—augmentation

Capabilities. Can requisition, receive, store, and issue approximately 750 line items per month. Depends on the unit of assignment for mobility, necessary working equipment, storage facilities, and maintenance of supply records.

Strength. EM 2

Basis of allocation. One per team BC or one per harbor craft, rail, terminal, or air unit requiring supply personnel augmentation.

Mobility. Assumes the mobility of the unit to which attached.

Team BE, functional supply (1,250 line items), general supplies or repair parts

Capabilities. Provides stock control and technical storage personnel to augment an operating functionalized supply unit engaged in the requisitioning, receipt, storage, and issue of general supplies and equipment to include repair parts. Stock control positions are included on the basis of one

specialist per 1,250 authorized stockage list line items and storage personnel on the basis of one position per 180 authorized stockage list line items. Not to be used separately. Materials-handling equipment operation and maintenance teams, when required, must be furnished from other teams of the TOE and from TOE 29-600.

Strength. EM 8

Basis of allocation. As required to augment an operating functionalized unit.

Mobility. Assumes the mobility of the unit to which attached.

Team BF, stock/inventory control detachment

Capabilities. Can maintain stock/inventory control on the quantity of records as indicated:

Supply level	Maintains
Direct support -----	650 line items (manually), or
General support -----	1,250 line items (manually), or
Inventory control	
center -----	1,250 line items (manually)
	1,850 line items (automatic data processing).

Strength. EM 1

Basis of allocation. As required in the field army or COMMZ.

Mobility. Assumes the mobility of the unit to which attached.

Team BG, supply detachment—direct support—2,000 to 5,000

Capabilities. a. Provides personnel and equipment for requisition, receipt, storage, and issue of class I and II and IV supplies (less repair parts, maintenance materiel, medical items, and quarter-master air delivery equipment) in support of a separate force of from 2,000 to 5,000 troops. Appropriate team or teams from TOE 10-500 will be required to meet class III requirements.

b. May be used to augment team BJ to increase that team's capability by 50 percent.

c. Prefabricated refrigerators, with appropriate power sources, must be authorized by the theater commander, as required, to support the levels of perishable subsistence to be stored.

d. Appropriate veterinary food inspection teams, required for inspection of perishable subsistence, will be provided by teams from the medical service organization (TOE 8-500).

Strength. Off 1 EM 25 Aggr 26

Basis of allocation. As required in the field army or COMMZ.

Mobility. Fifty-percent mobile.

Team BH, supply detachment—direct support—10,000

Capabilities. a. Provides administrative and technical personnel to establish and operate a direct support facility for the wholesale receipt, storage, and issue of class I and II and IV supplies, exclusive of repair parts, cryptographic supplies, airdrop supplies, supplies provided by the army-wide services, and the equipment supplied by the heavy materiel supply general support company in support of a force of 10,000 troops.

b. Appropriate team or teams from TOE 10-500 must be used to augment this team to perform class III bulk and package receipt, storage, and issue requirements.

c. Prefabricated refrigerators, with appropriate power sources, must be authorized by the theater commander, as required, to support the levels of perishable subsistence to be stored.

d. Appropriate veterinary food inspection teams, required for inspection of perishable subsistence, will be provided by teams from the medical service organization (TOE 8-500).

Strength. Off 1 EM 40 Aggr 41

Basis of allocation. As required in the field army or COMMZ.

Mobility. Thirty-percent mobile.

Team BI, general supply detachment—general support—5,000 to 7,500

Capabilities. a. Provides administrative and technical personnel to establish and operate a general supply facility for the wholesale receipt, storage, and issue of class I and II and IV supplies, exclusive of repair parts, cryptographic supplies, airdrop supplies, supplies provided by the army-wide services, and equipment supplied by the heavy materiel supply general support company in support of a force of from 5,000 to 7,500 troops.

b. Provides mobile refrigeration for storage and distribution of perishable subsistence. In addition, can supplement its organic mobile refrigeration by operating prefabricated refrigerators in units of 4,000 cubic feet with appropriate power sources. These refrigerators may be authorized by the theater commander, as required, to support the levels of perishable subsistence items to be stored.

c. Appropriate veterinary food inspection teams, required for inspection of perishable subsistence, will be provided by teams from the medical service organization (TOE 8-500).

Strength. Off 1 EM 34 Aggr 35

Basis of allocation. As required in the field army or COMMZ.

Mobility. Fifty-percent mobile.

Team BJ, heavy materiel processing detachment—25,000 to 40,000

Capabilities. Provides technical personnel and equipment to perform all required operations incident to the processing for issue of combat, tactical, and special-purpose vehicles. Processing includes organizational maintenance, installation, and inspection of vehicular-mounted communication equipment and combat loading of vehicles, as required.

Strength. Off 2 EM 37 Aggr 39

Basis of allocation. As required in the field army or COMMZ. In conjunction with team BK, may be used in the field depot when added capability is required.

Mobility. Fifty-percent mobile.

Team BK, heavy materiel storage detachment—25,000 to 40,000

Capabilities. a. Provides technical personnel and equipment to perform those required operations incident to the requisition, receipt, storage, issue, and in-storage maintenance for combat, tactical, and special-purpose vehicles in support of a force of from 25,000 to 40,000 troops.

b. Can maintain an equipment pool of prescribed class IV end items for temporary loan to supported units on a seasonal or special-project basis.

Strength. Off 1 EM 34 Aggr 35

Basis of allocation. As required in the field army or COMMZ. In conjunction with team BJ, may be used in the field depot when added capability is required.

Mobility. Twenty-five percent mobile.

Team BL, fortification and construction supply detachment—50 to 75 tons.

Capabilities. Provides personnel and equipment to operate a supply point for the receipt, storage, and daily issue of approximately from 50 to 75 tons of fortification and construction supplies.

Strength. Off 1 EM 26 Aggr 27

Basis of allocation. As required to provide the above capabilities.

Mobility. One hundred-percent mobile.

Team BM, general supply or repair parts storage detachment—semimobile

Capabilities. Provides stock control personnel, technical storage personnel, and semimobile storage facilities to augment an operating functionalized supply unit engaged in the requisitioning, receipt, storage, and issue of general supplies and

equipment or repair parts. Stock control positions are included on the basis of one specialist per 1,250 authorized stockage list line items and storage personnel on the basis of 180 authorized stockage list line items. The team is not to be used separately. Materials-handling equipment and operation and maintenance teams, when required, must be furnished from other teams in this TOE and from TOE 29-600.

Strength. EM 9

Basis of allocation. As required in the field army or COMMZ.

Mobility. Fifty-percent mobile.

Team BN, headquarters, engineer supply control office

Capabilities. Provides the administrative personnel to staff a theater engineer supply control office. When augmented by teams BO and BP, the unit comprises a theater engineer supply control office capable of forecasting general engineer and repair parts supply requirements for a theater of operations to insure maintenance of adequate and realistic stock levels; evaluating stock reports, tonnage reports, and other special supply reports, as required or directed; directing the distribution or relocation of supplies; assembling statistical data pertaining to engineer equipment population and distribution; providing general engineer and repair parts usage experience; identifying and cataloging locally procured items; and performing other pertinent stock control operations.

Strength. Off 3 EM 14 Aggr 17

Basis of allocation. One per theater army HQ.

Mobility. Fifty-percent mobile.

Team BO, engineer supply and repair parts

Capabilities. Provides skilled personnel in the form of trained supervisors, analysts, and typists capable of providing effective supply and stock control over from 10,000 to 11,000 engineer major items and from 8,000 to 10,000 rapid-turnover repair parts.

Strength. Off 3 EM 37 Aggr 40

Basis of allocation. One or more, as required, per theater engineer supply control office.

Mobility. Fifty-percent mobile.

Team BP, engineer identification and cataloging

Capabilities. Identifies and catalogs repair parts and general engineer items of supply that have been locally procured or that through occurrence or omission have lost their identity. Maintains constant liaison with the theater procurement office and local manufacturers to determine facilities and materials available. Prepares

the necessary drawings and blueprints required when requesting bids from local manufacturers.

Strength. Off 3 EM 14 Aggr 17

Basis of allocation. One or more, as required, per theater engineer supply control office.

Mobility. One hundred-percent mobile.

Team BQ, property disposal detachment

Capabilities. Provides personnel for the supervision of the receipt, sale, and/or other disposition of valuable scrap from condemned, discarded, abandoned, or captured property, including waste materials, nonreparable property, and abandoned private property. Labor must be furnished from labor teams or other sources.

Strength. Off 2 EM 7 Aggr 9

Basis of allocation. One per 20,000 troops.

Mobility. Fixed.

Team BR, topographic supply detachment

Capabilities. a. Can requisition, receive, store, and issue approximately 50 tons of topographic supplies and repair parts for topographic equipment per day.

b. Provides mobile, controlled storage facilities for items such as film and topographic paper that are sensitive to climatic changes.

c. Provides technically qualified personnel to identify and handle topographic supplies and repair parts for use in map photographic vans, on topographic presses, and for other topographic equipment.

Strength. WO 1 EM 13 Aggr 14

Basis of allocation. One per field army or independent corps, as required; one or more per COMMZ. Normally attached to general supply general support company, army or COMMZ (TOE 29-118).

Mobility. Thirty-five percent mobile.

Mess Detachments

Teams CA—CD

Capabilities. Provides the minimum basic personnel and equipment necessary for the operation of a unit mess subsisting not more than 62 individuals.

Strength. EM 4

Basis of allocation. One per unit subsisting not more than 62 persons on a single-shift basis.

Mobility. One hundred-percent mobile.

Team CB, mess—augmentation

Strength. EM 1

Team CC, mess—augmentation

Capabilities. Provides the required augmentation of a unit mess or team CA with one team CB or CC when additional individuals to be subsisted

increase the unit strength in excess of 62. Additional cook positions (teams CB and CC) for unit mess are authorized as follows:

Personnel to be subsisted	Cook positions required	
	Normal operation	24-hour operation
63 to 104 -----	1	2
105 to 164 -----	2	3
165 to 232 -----	3	4
233 to 307 -----	4	6
308 to 400 -----	5	7

An additional cook position (team CB or CC) is authorized for each increase of 90 individuals or major fraction thereof in excess of the first 400.

Strength. EM 1

Basis of allocation. As required to provide the capabilities shown above. Teams CB and CC are so allocated that the first cook and cook positions are equally proportioned. When an odd number of positions is required, the odd position is allocated to team CB.

Mobility. One hundred-percent mobile when augmenting team CA. When employed with a separate unit, assumes mobility of the unit to which attached.

Team CD, mess—augmentation

Capabilities. a. Provides supervisory personnel to augment a unit mess activity or team CA when operating two or more messes within the activity.

b. Provides supervisory personnel to augment a single mess subsisting 700 individuals or major fraction thereof.

Strength. EM 1

Basis of allocation. a. One per each mess when two or more messes are established in a single activity.

b. One per 700 individuals or major fraction thereof.

Mobility. One hundred-percent mobile when augmenting team CA. When employed with a separate unit, assumes the mobility of the unit to which attached.

Materials-Handling Detachments
Teams DA—DE

Team DA, labor detachment—5 tons

Capabilities. Provides team for general labor, including icing refrigerator cars, recovering salvage articles; collecting and burying the dead; handling all classes of supplies; storing supplies in warehouses; loading and unloading vehicles, aircraft, and ships; and sorting and stocking supplies. The laborer in this detachment can handle

approximately 5 tons of general supplies per day in the Temperate Zone.

Strength. EM 1

Basis of allocation. One per 5 tons to be handled daily, as required.

Mobility. Assumes the mobility of the unit to which attached.

Team DB, materials-handling detachment

Capabilities. Provides personnel and equipment for a two 10-hour-shift operation to handle approximately from 60 to 70 short tons of supplies per day. Capabilities will vary depending on the type of palletized load handled and the distance to be traveled by the equipment.

Strength. EM 2

Basis of allocation. One per 60 to 70 short tons to be handled per day.

Mobility. Assumes the mobility of the unit to which attached.

Team DC, materials-handling detachment

Capabilities. Provides personnel and equipment for a single-shift operation to handle approximately 90 short tons of supplies per day. Capabilities will vary depending on the type of palletized load handled and the distance to be traveled by the equipment.

Strength. EM 3

Basis of allocation. One per 90 short tons to be handled per day.

Mobility. Assumes the mobility of the unit to which attached.

Team DD, materials-handling detachment—augmentation

Capabilities. Provides personnel for the operation of the equipment of team DC for a second shift. Not to be used separately.

Strength. EM 3

Basis of allocation. One per team DC to increase that team's capability by 100 percent.

Mobility. Assumes the mobility of the unit to which attached.

Team DE, materials-handling detachment

Capabilities. Provides personnel and equipment for a single-shift operation to handle approximately 320 short tons of supplies per day. Capabilities will vary depending on the type of palletized load handled and the distance to be traveled by the equipment.

Strength. EM 10

Basis of allocation. One per 320 short tons to be handled daily in depot, port, or semideveloped port areas in the COMMZ or field army.

Mobility. Assumes the mobility of the unit to which attached.

Aviation Control and Service Detachments

Teams EA—EL

Team EA, aviation command and control headquarters

Capabilities. Provides command, control, and administration for an aviation unit of company size or smaller, but larger than a platoon, consisting of cellular teams. Other cellular teams may be attached to provide such services as mess and communications. Provides the HQ to supervise and control airfield operations, terminal air traffic regulations, airfield services, or Army aviation operations.

Strength. Off 1 EM 5 Aggr 6

Basis of allocation. As required by a major commander for support of Army airfields.

Mobility. Same as that for the supported unit.

Team EB, control tower

Capabilities. Provides personnel and equipment for air traffic regulation and control in an Army airfield control zone and on the airfield during visual flight conditions. The same regulation and control during instrument flight conditions are provided by the employment of this team in conjunction with teams EF and EH. Normally, only the primary airfield of an Army aviation unit will require a control tower team.

Strength. EM 3

Basis of allocation. As required by a major commander for support of Army airfields.

Mobility. Same as that for the supported unit.

Team EC, control tower—augmentation

Capabilities. Provides a trained specialist to augment team EB.

Strength. EM 1

Basis of allocation. As required for augmentation of team EB.

Mobility. Same as that for the supported unit.

Team ED, flight dispatch

Capabilities. Provides airfield operations and dispatch service for an organization composed of aviation teams. In support of major Army airfields, organizes and operates an airfield operations office, provides dispatching and flight information, and receives and files flight plans.

Strength. Off 1 EM 3 Aggr 4

Basis of allocation. As required by a major commander for support of Army airfields.

Mobility. Same as that for the supported unit.

Team EE, flight dispatch—augmentation

Capabilities. Provides a trained specialist to augment team ED.

Strength. EM 1

Basis of allocation. As required for augmentation of team ED.

Mobility. Same as that for the supported unit.

Team EF, approach control

Capabilities. Provides approach and departure control facilities and radar control for terminal traffic at major Army airfields. Normally only the primary airfield of an Army aviation unit will require an approach control team.

Strength. EM 7

Basis of allocation. As required by a major commander for support of Army airfields.

Mobility. Same as that for the supported unit.

Team EG, approach control—augmentation

Capabilities. Provides a trained specialist to augment team EF.

Strength. EM 1

Basis of allocation. As required for augmentation of team EF.

Mobility. Same as that for the supported unit.

Team EH, low-/medium-frequency beacon

Capabilities. Provides personnel and equipment for the installation, operation, and maintenance of a beacon with associated power and communication equipment.

Strength. EM 2

Basis of allocation. As required by a major commander for support of Army airfields and the Army air traffic regulation and identification system.

Mobility. Same as that for the supported unit.

Team EI, airfield communications

Capabilities. Provides personnel and equipment for installation, operation, and maintenance of airfield wire communications and organizational maintenance for electronic equipment.

Strength. EM 9

Basis of allocation. As required by a major commander for support of Army airfields.

Mobility. Same as that for the supported unit.

Team EJ, airfield service headquarters

Capabilities. Provides an HQ for an airfield service organization of platoon size. Commands, controls, and supervises aircraft maintenance and airfield service sections or teams, as required.

Strength. Off 1 EM 3 Aggr 4

Basis of allocation. As required by a major commander for support of Army airfields.

Mobility. Same as that for the supported unit.

Team EK, airfield service

Capabilities. Provides personnel for the installation and maintenance of runway and associated airfield lighting equipment and the procure-

ment and dispensing of POL products to a company-size aviation unit.

Strength. EM 5

Basis of allocation. As required by a major commander for support of Army airfields.

Mobility. Same as that for the supported unit.

Team EL, aviation fire/crash rescue

Capabilities. Provides personnel and equipment for fighting fires, extricating personnel from crashed aircraft, and performing first aid on personnel injured in aircraft.

Strength. EM 4

Basis of allocation. As required by a major commander for support of Army airfields.

Mobility. Same as that for the supported unit.

Data Processing Detachments (Card Machine Processing)

Teams FA—FG

Team FA, card punch machine operation (1,000 cards)

Capabilities. Provides personnel and equipment (data) to augment the card punch capabilities of an existing operating unit. Operating on a single shift, completes approximately 1,000 transactions daily. When authorized, less card punch machine, provides a second-shift operator for an existing unit authorized card punch equipment.

Strength. EM 1

Basis of allocation. One per each 1,000 cards per shift per day.

Mobility. Same as that for the unit to which assigned.

Team FB, data processing

Capabilities. Provides the minimum basic personnel and equipment required for a one-shift operation of an electronic accounting machine section handling from 45,000 to 60,000 transactions per month.

Strength. WO 1 EM 13 Aggr 14

Basis of allocation. Assigned to division, corps, army, COMMZ, or theater for attachment to other units, as required.

Mobility. Fixed.

Team FC, data processing—augmentation

Capabilities. Provides the required augmentation of team FB with a second-shift when an electronic accounting machine section is required to handle from 90,000 to 120,000 transactions per month.

Strength. WO 1 EM 13 Aggr 14

Basis of allocation. Same as that for team FB.

Mobility. Fixed.

Team FD, data processing consolidating—augmentation

Capabilities. Provides command and control for all data processing activities in a given area when three or more data processing units are assigned to a command.

Strength. Off 5 EM 4 Aggr 9

Basis of allocation. One per three or more data processing units assigned to the same command.

Mobility. Fixed.

Team FE, data processing mobile—augmentation—type Y

Capabilities. Provides sufficient personnel and vehicles to make the type Y data processing unit 25-percent mobile. All electronic accounting machines will be mounted in expansible-type vans.

Strength. EM 2

Basis of allocation. One per type Y data processing unit when employed in a command that requires mobility.

Mobility. Twenty-five percent mobile.

Team FF, data processing mobile—augmentation—type Z

Capabilities. Provides sufficient personnel and vehicles to make the type Z data processing unit 25-percent mobile. All electronic accounting machines will be mounted in expansible-type vans.

Strength. EM 2

Basis of allocation. One per type Z data processing unit when employed in a command that requires mobility.

Mobility. Twenty-five percent mobile.

Team FG, data processing, nonsupported—type Z unit

Capabilities. Employed when a type Z unit is operating under a command HQ other than that of a field army.

Strength. Off 2

Basis of allocation. One per type Z data processing unit when assigned to a command HQ other than that of a field army (e.g., HQ of COMMZ's, independent corps, ports of embarkation, CONUS army areas, etc.).

Mobility. Fixed.

Personnel Service Detachments

Team GA—GH

Team GA, unit personnel section (basic)

Capabilities. Furnishes personnel and administrative services for units with strengths up to 450 personnel or major fraction thereof.

Strength. WO 1 EM 4 Aggr 5

Basis of allocation. One per 450 personnel serviced when personnel and administrative services are not furnished from some other source.

Mobility. Fixed.

Team GB, unit personnel section

Capabilities. Furnishes manpower required to perform personnel and administrative services for unsupported units on a basis of one per each 89 personnel serviced or major fraction thereof.

Strength. EM 1

Basis of allocation. One per each 89 personnel serviced or major fraction thereof.

Mobility. Fixed.

Team GC, personnel service detachment (manual)

Capabilities. Furnishes personnel and equipment to replace the machine branch of the administration company, armored, infantry, or infantry (mechanized) division, when the company is operating without data processing machines.

Strength. EM 26

Basis of allocation. One per administration company of an armored, infantry, or infantry (mechanized) division when the company is operating without data processing machines.

Mobility. Fixed.

Team GD, personnel service detachment (manual)

Capabilities. Furnishes personnel and equipment to replace the administrative machine branch of the administration company of an airborne division when the company is operating without data processing machines.

Strength. EM 20

Basis of allocation. One per administration company of an airborne division when the company is operating without data processing machines.

Mobility. Fixed.

Teams GE—GH, personnel service detachments (manual)

Capabilities. Furnish personnel and equipment to augment a type B—E personnel service company when the company is operating without a machine capability.

Strength. a. Team GE: EM 13

b. Team GF: EM 16

c. Team GG: EM 19

d. Team GH: EM 22

Basis of allocation. a. One team GE per type B personnel service company.

b. One team GF per type C personnel service company.

c. One team GG per type D personnel service company.

d. One team GH per type E personnel service company.

Mobility. Fixed.

Chaplain Support Detachment

Team HA, chaplain professional team

Capabilities. Provides chaplain operational support for each 700 individuals or major fraction thereof in field army units or for each 850 individuals or major fraction thereof in all other theater army units for which chaplain support is not otherwise provided. Cannot provide staff chaplain support for the administration, coordination, and technical supervision required at higher echelons.

Strength. Off 1 EM 1 Aggr 2

Basis of allocation. As required. Activated by theater army for assignment to force troop lists of subordinate commands under the conditions stated above.

Mobility. One hundred-percent mobile.

29-502T Invt Con Agcy, SMCOM

Mission. To provide personnel to perform integrated inventory control (supply management) for all classes of supply for which the SMCOM has jurisdiction.

Assignment. To SMCOM.

Capabilities. a. At level 1, when added support is provided, this unit can perform integrated inventory control (supply management) for designated theater army stocks and—

(1) Provide—

(a) Storage and distribution direction.

(b) Receipt and processing of requisitions from supported commands and other designated activities.

(c) Review and analysis of demands and computations of theater army requirements for supplies and equipment.

(d) Continuous study of the supply system.

(e) Personnel for operation of a special ammunition logistical element at TASCOR or other designated HQ.

(f) Operation of two 12-hour shifts.

(g) Inventory management for approximately 300,000 line items.

(2) Initiate, within policies and directives of SMCOR HQ, action to fulfill supply requirements by requisition on CONUS, local procurement, and/or redistribution of supplies.

(3) Approve, within established policies, additions to or deletions from theater army stockage lists and adjustments to requisitioning objectives.

(4) Report significant supply data to the SMCOM staff.

(5) Determine the effects of new or modified supply directives on the theater army supply management system.

(6) Coordinate, within policies and directives of SMCOM HQ, with the maintenance management center on repair of materiel to support the supply system and other related matters.

(7) Perform organizational maintenance on its organic equipment.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) The signal operations company, medium HQ (TOE 11-127), for internal communications. External communications are provided by the common-user communication system installed by elements of the theater signal operations command.

(2) An automatic data processing unit for computer service support.

(3) The personnel service company (TOE 12-67) for personnel services.

(4) An area medical unit for medical services.

(5) The SMCOM HQ for chaplain service.

(6) Engineer and signal construction support, especially when the unit is relocated.

(7) The army TRANSCOM for transportation required to move the unit.

d. The agency HQ provides personnel and equipment required for administration, logistic support, and discipline. It is not responsible for the operation of the technical mission or for the command of commissioned personnel assigned to mission elements.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 88 WO 4
EM 317 Aggr 409

b. Level 2: Off 86 WO 4
EM 278 Aggr 368

c. Level 3: Off 79 WO 4
EM 244 Aggr 327

Basis of allocation. One per SMCOM.

Category. III.

Mobility. Five-percent mobile.

29-504G (PTOE) Prop Dspo Co

Mission. To provide for receipt, final classification, preparation, temporary storage, and disposal of scrap, waste, and surplus materials.

Assignment. To SMCOM or field depot; normally attached to HHC, supply and service battalion (TOE 29-146).

Capabilities. a. At level 1, this unit, together with the necessary labor provided from local sources, prisoners of war, or the labor service company (TOE 29-449), operating two 10-hour shifts, conducts property disposal operations that include—

(1) Receipt, segregation, and final classification of approximately 1,000 tons of scrap, waste, and surplus materials per day.

(2) Temporary storage and preparation (reducing in size and/or cubage) of approximately 1,000 tons of material for shipment or disposal.

(3) As directed, ships or disposes of approximately 1,000 tons of processed scrap and waste material per day.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. This unit depends on—

(1) An AG personnel service unit for processing administrative actions to include classification, personal affairs, maintenance of personnel records, personnel accounting, casualty reporting, rosters, and others directing personnel actions.

(2) A finance direct support company for pay actions.

(3) The general chemical laboratory (TOE 3-97) for laboratory analysis and identification of unknown materials.

d. When additional property disposal support capability is required, it will be provided by an MTOE under the provisions of AR 310-31.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation. This unit, when authorized the additional equipment required by an MTOE under the provisions of AR 310-31, can provide the following RAP potential:

Type of element	Number	Estimated degradation of mission capabilities (percentage)
Area damage control potential:		
Light rescue team A (squad) --	1	5.34
Labor team A (squad) -----	1	5.34
CBR decontamination team ----	1	5.88

Strength. a. Level 1: Off 11 WO 1
EM 214 Aggr 226

- b. Level 2: Off 11 WO 1
EM 192 Aggr 204
- c. Level 3: Off 11 WO 1
EM 168 Aggr 180
- d. Type B: Data not available.

Basis of allocation. As required in the COMMZ as part of a field depot complex on the basis of one per approximately 150,000 to 200,000 troops supported.

Category. III.

Mobility. Fixed. For any required movement, 10-percent mobile in organic vehicles.

Remarks. PTOE 29-504G at ACSFOR, DA, for staffing at the time of preparation of this manual.

29-512T HHC, Fld Dep

Mission. To command and provide operational planning, control, and supervision for assigned or attached units required to operate a field depot.

Assignment. To COMMZ or independent force; may be assigned to FASCOM.

Capabilities. a. At full strength, this unit—

(1) Provides the HQ organization to command, perform operational planning for, and coordinate and supervise the operational training and supply for units assigned or attached to the field depot. These may include one or more of the following, as required:

(a) Chemical processing company (TOE 3-77).

(b) Quartermaster air delivery company (TOE 10-407).

(c) Airdrop equipment repair and supply company (TOE 10-417).

(d) Labor service company (TOE 29-449).

(e) Military police physical security company (TOE 19-97).

(f) General supply general support company (TOE 29-118).

(g) Repair parts general support company (TOE 29-119).

(h) Field service general support company, army (TOE 29-124).

(i) HHC, supply and service general support battalion, army (TOE 29-126).

(j) Heavy materiel supply general support company (TOE 29-127).

(k) HHD, maintenance general support battalion (TOE 29-136).

(l) Army calibration company (TOE 29-227).

(m) Heavy equipment general support maintenance company (TOE 29-137).

(n) Collection and classification company (TOE 29-139).

(o) Light equipment general support maintenance company, COMMZ (TOE 29-134).

(p) Transportation light-medium truck company (TOE 55-67).

(q) Aircraft depot supply company (TOE 55-447).

(2) Provides personnel to perform financial inventory control.

(3) Organizes and provides for depot security and local area damage control. Additional local security forces required to protect depot facilities from guerrilla activity, destruction, sabotage, or pilferage may be attached or provided by the area commander or HQ to which the depot is assigned.

(4) Provides centralized information on the location, condition, and status of supplies and equipment stocked and/or maintained by the depot.

(5) Operates on a 24-hour basis.

b. The capabilities of a type B organization are the same as those of a full-strength organization.

c. When cryptologic support is a mission of the field depot, appropriate cellular cryptologic teams must be provided.

d. This unit depends on—

(1) Appropriate signal operational units for internal and external signal communication facilities.

(2) Appropriate units for medical and veterinary services and for transportation support during displacement.

(3) Together with assigned or attached units, the personnel service company (TOE 12-67) for personnel administrative services and the Army postal unit, general assignment (TOE 12-605), for postal service.

e. Appropriate types of the following elements from the 500- and 600-series TOE may be assigned or attached for mission support or for support of internal depot operations:

(1) Firefighting and utilities teams.

(2) Materials-handling equipment operating and maintenance teams.

(3) Tire repair detachments.

(4) Finance disbursing teams.

(5) Finance and accounting teams.

(6) Signal operating maintenance and service teams.

(7) Military police security, guard, and dog teams.

(8) Mess, automotive maintenance, data processing, and aviation teams.

(9) Interpreter and translator teams.

(10) Decontamination and CBR center teams.

(11) Gas generating teams.

(12) Quartermaster petroleum teams.

(13) Ammunition support teams.

f. Individuals of this organization, except chaplain, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Full: Off 51 WO 3
EM 179 Aggr 233

b. Reduced: Off 50 WO 3
EM 141 Aggr 194

c. Type B: Off 51 WO 3
EM 77 Aggr 131

Basis of allocation. As required in the COMMZ, normally for a field depot supporting from 75,000 to 85,000 troops or a force equivalent to two divisions plus supporting troops, based on the following criteria:

a. Tonnage. Can receive and issue in any combination 2,300 tons of class I and II and IV supplies per day.

b. Storage. Can store up to 20,000 tons of class I and II and IV supplies handled.

Category. III.

Mobility. Ten-percent mobile.

Remarks. This unit will be replaced by HHC, field depot (TOE 29-512G), when published.

29-512G (PTOE) HHC, Fld Dep

Mission. To command and provide operational planning, control, and supervision for assigned or attached units required to operate a field depot.

Assignment. To COMMZ or independent force; may be assigned to FASCOM.

Capabilities. a. At level 1, this unit—

(1) Provides command and control and performs staff planning and technical supervision for units assigned or attached to the field depot. These may include the following:

(a) Chemical processing company (TOE 3-77).

(b) Quartermaster air delivery company (TOE 10-407).

(c) Airdrop equipment repair and supply company (TOE 10-417).

(d) Labor service company (TOE 29-449).

(e) Military police physical security company (TOE 19-97).

(f) General supply general support company (TOE 29-118).

(g) Repair parts general support company (TOE 29-119).

(h) Field service general support company, army (TOE 29-124).

(i) HHC, supply and service general support battalion, army (TOE 29-126).

(j) Heavy materiel supply general support company (TOE 29-127).

(k) HHD, maintenance general support battalion (TOE 29-136).

(l) Army calibration company (TOE 29-227).

(m) Heavy equipment general support maintenance company (TOE 29-137).

(n) Collection and classification company (TOE 29-139).

(o) Light equipment general support maintenance company, COMMZ (TOE 29-134).

(p) Transportation light-medium truck company (TOE 55-67).

(q) Aircraft depot supply company (TOE 55-447).

(2) Provides personnel to perform financial inventory control.

(3) Organizes and provides for depot security and local area damage control. Additional local security forces required to protect depot facilities from guerrilla activity, destruction, sabotage, or pilferage may be attached or provided by the area commander or the HQ to which the depot is assigned.

(4) Provides centralized information on the location, conditions, and status of supplies and equipment stocked and/or maintained by the depot.

(5) Operates on a 24-hour basis.

(6) Supervises administration, training, and operations.

(7) Supervises organizational supply and maintenance.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. When cryptologic support is a mission of the field depot, appropriate cellular cryptologic teams must be provided.

d. This unit depends on—

(1) Appropriate signal operational units for internal and external signal communication facilities.

(2) Appropriate units for medical and veterinary services and for transportation support during displacement.

(3) Together with assigned or attached units, the personnel service company (TOE 12-67) for personnel administrative services and the Army postal unit, general assignment (TOE 12-605), for postal service.

e. Appropriate types of the following elements from the 500- and 600-series TOE may be assigned or attached for mission support or for support of internal depot operations:

- (1) Firefighting and utilities teams.
- (2) Materials-handling equipment operating and maintenance teams.
- (3) Tire repair detachments.
- (4) Finance disbursing teams.
- (5) Finance and accounting teams.
- (6) Signal operating maintenance and service teams.
- (7) Military police security, guard, and dog teams.
- (8) Mess, automotive maintenance, data processing, and aviation teams.
- (9) Interpreter and translator teams.
- (10) Decontamination and CBR center teams.
- (11) Gas generating teams.
- (12) Quartermaster petroleum teams.
- (13) Ammunition support teams.

f. Individuals of this organization, except chaplain, can engage in effective, coordinated defense of the unit's area or installation.

- Strength.* a. Level 1: Off 58 WO 3
EM 210 Aggr 271
- b. Level 2: Off 57 WO 3
EM 190 Aggr 250
- c. Level 3: Off 56 WO 3
EM 164 Aggr 223
- d. Type B: Off 58 WO 3
EM 137 Aggr 198

Basis of allocation. As required in the COMMZ, normally for a field depot supporting from 75,000 to 85,000 troops or a force equivalent to two divisions plus supporting troops, based on the following criteria:

a. Tonnage. Can receive and issue in any combination 2,300 tons of class I and II and IV supplies per day.

b. Storage. Can store up to 20,000 tons of class I and II and IV supplies handled.

Category. III.

Mobility. Ten-percent mobile.

Remarks. PTOE 29-512G at ACSFOR, DA, for staffing at the time of preparation of this manual. When published, this unit will replace HHC, field depot (TOE 29-512T).

29-550T Div DPU Spt Bde DPU

Mission. To operate an automatic data processing facility to assist in the accomplishment of the combat service support functions for a DISCOM or a support brigade.

Assignment. a. Type A. To DISCOM; normally attached to HHC.

b. Type B. To support brigade; normally attached to HHC.

Capabilities. a. At level 1, this unit—

(1) Installs, operates, and maintains general-purpose data processors, including associated devices, and digital data transmission terminals. Provides operational support for logistic and personnel administrative functions of the supported units. Operates on a three-shift basis, 8 hours per shift.

(2) Maintains a computer program library.

(3) Prepares computer programs for new applications to be used locally.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) Signal units for geographical point-to-point communication service.

(2) Other units for personnel and chaplain support.

d. When the mission to be performed or the workload imposed on this unit exceeds the capabilities indicated above, the additional capabilities required must be provided from appropriate cellular teams of the 500- and 600-series TOE or by the establishment of an MTOE under the provisions of AR 310-31.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Type A:

- (1) Level 1: Off 4 WO 7
EM 104 Aggr 115
- (2) Level 2: Off 4 WO 7
EM 93 Aggr 104
- (3) Level 3: Off 4 WO 7
EM 81 Aggr 92

b. Type B:

- (1) Level 1: Off 4 WO 7
EM 145 Aggr 156
- (2) Level 2: Off 4 WO 7
EM 128 Aggr 139
- (3) Level 3: Off 4 WO 7
EM 111 Aggr 122

Basis of allocation. a. Type A. One per DIS-COM of an infantry, infantry (mechanized), or armored division. As required in an airmobile or airborne division.

b. Type B. One per support brigade.

Category. II.

Mobility. One hundred-percent mobile.

29-600G Org Maint Tms

Mission. a. To perform organizational maintenance on radio and radio-relay equipment, engineer heavy equipment, materials-handling equipment, dispensing pumps, power generators, and wheeled and tracked vehicles and associated equipment where units of less than company size are required.

b. To increase the organizational maintenance capabilities of fixed-strength units where increments of less than company size are needed. These teams are designed to facilitate the organization of composite service units, which differ in size and composition, depending on existing tactical and logistic considerations.

Assignment. To division, corps, army, COMMZ or theater for attachment, as required.

Capabilities. a. The capabilities of units organized under this TOE will vary with the size and groupings of the teams used. Capabilities for each individual team are as indicated in the detailed breakdown of teams below.

b. These teams are not adaptable to levels 2 and 3 or to a type B organization.

c. These teams must be provided administrative, financial, mess, and supply services. If not provided by the units to which attached or assigned, teams will be drawn from TOE 29-500 and TOE 29-600, as applicable.

d. Individuals of these organizations can assist the unit to which attached in the coordinated defense of its area or installation.

Strength. See individual teams below for strengths.

Basis of allocation. The allocation of units organized under this TOE will vary with the individual requirements. Allocations for individual teams are as indicated in the detailed breakdown of teams below.

Category. The category of each team will depend on the area of employment of the unit to which assigned or attached or other varying conditions under which the team may operate.

Mobility. See individual teams below for mobility.

Detailed Breakdown of Teams Teams DA—DQ

Team DA, field radio maintenance

Capabilities. Provides augmentation of other teams, composite detachments, or fixed TOE units requiring an additional field radio repairman or additional field radio repair capability.

Strength. EM 1

Basis of allocation. One or more per unit requiring supplemental field radio repair capability.

Mobility. Assumes the mobility of the unit to which attached.

Team DB, radio-relay maintenance

Capabilities. Provides augmentation of other teams, composite detachments, or fixed TOE units requiring an additional radio-relay repairman or additional radio-relay repair capability.

Strength. EM 1

Basis of allocation. One or more per unit requiring supplemental radio-relay repair personnel.

Mobility. Assumes the mobility of the unit to which attached.

Team DC, engineer equipment maintenance

Capabilities. Provides augmentation of an engineer equipment mechanic not otherwise provided.

Strength. EM 1

Basis of allocation. One or more per unit requiring engineer equipment maintenance capability in accordance with manpower criteria contained in appendix II, AR 310-32.

Mobility. Assumes the mobility of the unit to which attached.

Team DD, materials-handling equipment maintenance

Capabilities. Provides the personnel, skills, and equipment to perform organizational maintenance on powered materials-handling equipment.

Strength. EM 1

Basis of allocation. One per 12 items of powered materials-handling equipment (excluding rough terrain types) or major fraction thereof or one per three rough terrain forklift trucks or major fraction thereof.

Mobility. Assumes the mobility of the unit to which attached.

Team DE, materials-handling equipment maintenance—augmentation

Capabilities. Provides personnel to augment team DD.

Strength. EM 1

Basis of allocation. Same as that for team DD. As required to increase the capabilities of team DD by 100 percent.

Mobility. Assumes the mobility of the unit to which attached.

Team DF, pump maintenance

Capabilities. Provides the personnel, skills, and equipment to perform organizational maintenance on portable and vehicular-mounted petroleum products dispensing pumps.

Strength. EM 1

Basis of allocation. One or more per unit requiring supplemental pump repair capability.

Mobility. Assumes the mobility of the unit to which attached.

Team DG, power generator maintenance

Capabilities. Provides augmentation of a power generator mechanic not otherwise provided.

Strength. EM 1

Basis of allocation. One or more per unit requiring power generator maintenance capability in accordance with manpower criteria contained in appendix II, AR 310-32.

Mobility. Assumes the mobility of the unit to which attached.

Team DH, vehicle maintenance apprentice

Capabilities. Provides augmentation of a wheeled- or tracked-vehicle repair apprentice not otherwise provided.

Strength. EM 1

Basis of allocation. One per unit on the basis of 12 wheeled-vehicle or eight tracked-vehicle equivalents or major fraction thereof based on the total authorization in the unit for company-level maintenance or one for 30 wheeled-vehicle equivalents or major fraction thereof for battalion-level maintenance.

Mobility. Assumes the mobility of the unit to which attached.

Team DI, wheeled-vehicle repairman

Capabilities. Provides augmentation of 2 wheeled-vehicle repairman not otherwise provided.

Strength. EM 1

Basis of allocation. One per unit on the basis of 12 wheeled-vehicle equivalents or major fraction thereof for company-level maintenance or one per 30 wheeled-vehicle equivalents or major fraction thereof for battalion-level maintenance.

Mobility. Assumes the mobility of the unit to which attached.

Team DJ, general vehicle repairman

Capabilities. Provides augmentation of a general vehicle repairman not otherwise provided.

Strength. EM 1

Basis of allocation. One per unit on the basis of eight tracked-vehicle equivalents or major fraction thereof for company-level maintenance or 12 tracked-vehicle equivalents or major fraction thereof for battalion-level maintenance.

Mobility. Assumes the mobility of the unit to which attached.

Team DK, senior vehicle repairman

Capabilities. Provides augmentation of a senior vehicle repairman not otherwise provided.

Strength. EM 1

Basis of allocation. One per unit on the basis of the standard of grade authorization contained in AR 611-201 for this occupational specialty.

Mobility. Assumes the mobility of the unit to which attached.

Team DL, company motor maintenance sergeant

Capabilities. Provides augmentation of a motor sergeant not otherwise provided.

Strength. EM 1

Basis of allocation. One per maintenance section of a company, battalion, or higher level unit, provided position and grade are authorized on the basis of repairmen supervised in accordance with AR 611-201.

Mobility. Assumes the mobility of the unit to which attached.

Team DM, motor sergeant

Capabilities. Provides augmentation of a motor sergeant not otherwise provided.

Strength. EM 1

Basis of allocation. One per unit, provided position and grade are authorized on the basis of repairmen supervised in accordance with AR 611-201.

Mobility. Assumes the mobility of the unit to which attached.

Team DN, company automotive maintenance—wheeled

Capabilities. Provides the personnel, skills, and equipment to perform company-level organizational maintenance for a unit authorized 60-wheeled vehicle automotive equivalents.

Strength. EM 7

Basis of allocation. One per company-size unit authorized 60 wheeled-vehicle automotive equivalents or major fraction thereof.

Mobility. One hundred-percent mobile.

Team DO, company automotive maintenance—tracked

Capabilities. Provides the personnel, skills, and equipment to perform company-level organi-

zational maintenance for a unit authorized 60 combination wheeled- and tracked-vehicle equivalents.

Strength. EM 9

Basis of allocation. One per company-size unit authorized 60 combination wheeled- and tracked-vehicle automotive equivalents or major fraction thereof when otherwise not provided.

Mobility. One hundred-percent mobile.

Team DP, battalion automotive maintenance—wheeled

Capabilities. Provides the personnel, skills, and equipment not otherwise provided to perform company-level organizational maintenance for a battalion maintenance unit supporting 60 company-level wheeled-vehicle automotive equivalents and 240 battalion-level wheeled-vehicle automotive equivalents or major fraction thereof.

Strength. EM 16

Basis of allocation. One per unit containing 60 wheeled-vehicle automotive equivalents or major fraction thereof and supporting 240 wheeled-vehicle automotive equivalents for battalion-level maintenance when not otherwise provided.

Mobility. One hundred-percent mobile.

Team DQ, battalion automotive maintenance—tracked

Capabilities. Provides the personnel, skills, and equipment not otherwise provided to perform company-level organizational maintenance for a battalion maintenance unit supporting 60 company-level combination wheeled-tracked equivalents or major fraction thereof.

Strength. WO 1 EM 23 Aggr 24

Basis of allocation. One per unit authorized 60 combination company-level wheeled-tracked equivalents and 300 wheeled-tracked equivalents for battalion-level maintenance when not otherwise provided.

Mobility. One hundred-percent mobile.

29-610G Mech DS/GS Maint Tms

Mission. a To perform direct support and/or general support maintenance on automotive, armament, chemical, construction, fire control, power generation, quartermaster, and refrigeration equipment and small missiles where units of less than company strength are required.

b. To increase the direct support and general support maintenance capabilities of fixed-strength units where increments of less than company size are needed. These teams are designed to facilitate the organization of composite service units, which

differ in size and composition, depending on existing tactical and logistic considerations.

Assignment. To division, corps, army, COMMZ, or theater for attachment, as required.

Capabilities. a. The capabilities of units organized under this TOE will vary with the size and groupings of the teams used. Capabilities for each individual team are as indicated in the detailed breakdown of teams below.

b. These teams are not adaptable to levels 2 and 3 or to a type B organization.

c. These teams must be provided administrative, financial, mess, organizational maintenance, and supply support when these capabilities are not organic to the teams. If not provided by the units to which attached or assigned, teams will be drawn from TOE 29-500 and TOE 29-600, as applicable.

d. Individuals of these organizations can assist the unit to which attached in the coordinated defense of its area or installation.

Strength. See individual teams below for strengths.

Basis of allocation. The allocation of units organized under this TOE will vary with the individual requirements. Allocations for individual teams are as indicated in the detailed breakdown of teams below.

Category. The category of each team will depend on the area of employment of the unit to which assigned or other varying conditions under which the team may operate.

Mobility. See individual teams below for mobility.

Detailed Breakdown of Teams Teams EA—EW

Team EA, fuel-electrical system repair—direct support

Capabilities. Provides augmentation for direct support maintenance units requiring additional fuel and electrical system repair capability.

Strength. EM 1

Basis of allocation. One or more per unit requiring supplemental fuel and electrical system repairmen.

Mobility. Assumes the mobility of the unit to which attached.

Team EB, field artillery repair—direct support

Capabilities. Provides augmentation for direct support maintenance units requiring additional field artillery repair capability.

Strength. EM 1

Basis of allocation. One or more per unit requiring supplemental field artillery repairmen.

Mobility. Assumes the mobility of the unit to which attached.

Team EC, turret artillery repair—direct support

Capabilities. Provides augmentation for direct support maintenance units requiring additional turret artillery repair capability.

Strength. EM 1

Basis of allocation. One or more per unit requiring supplemental turret artillery repairment.

Mobility. Assumes the mobility of the unit to which attached.

Team ED, automotive repair—direct support

Capabilities. Provides the personnel, skills, and equipment to perform direct support maintenance on 84 automotive equipment equivalents.

Strength. EM 3

Basis of allocation. One per 84 automotive equipment equivalents or major fraction thereof when not otherwise provided.

Mobility. Assumes the mobility of the unit to which attached.

Team EE, fire control instrument repair—direct support

Capabilities. Provides trained personnel for the inspection, adjustment, and repair of optical and nonoptical fire control instruments and related equipment.

Strength. EM 1

Basis of allocation. One or more per direct support unit requiring supplemental fire control instrument repairmen.

Mobility. Assumes the mobility of the unit to which attached.

Team EF, machine shop support—direct support

Capabilities. Provides augmentation for direct support units requiring an additional machinist.

Strength. EM 1

Basis of allocation. One or more per unit requiring supplemental machinist personnel.

Mobility. Assumes the mobility of the unit to which attached.

Team EG, automotive repair—general support

Capabilities. Provides the personnel, skills, and equipment to perform general support maintenance on 162 automotive equipment equivalents.

Strength. WO 1 EM 12 Aggr 13

Basis of allocation. One per 162 automotive equipment equivalents or major fraction thereof when not otherwise provided.

Mobility. One hundred-percent mobile.

Team EH, tire repair

Capabilities. Provides 34,950 and 40,200 annual man-hours as a category II or III unit respectively for the inspection, segregation, classification, and repair of pneumatic tires and tubes.

Strength. Off 1 EM 14 Aggr 15

Basis of allocation. As required to perform sectional and spot repairs on approximately 50 tires as well as 100 tube repairs daily when not otherwise provided.

Mobility. One hundred-percent mobile.

Team EI, turret artillery repair—general support

Capabilities. Provides the personnel, skills, and equipment to perform general support maintenance on 48 turret artillery equivalents.

Strength. EM 3

Basis of allocation. One per 48 turret artillery equivalents or major fraction thereof when not otherwise provided.

Mobility. One hundred-percent mobile.

Team EJ, field artillery repair—general support

Capabilities. Provides the personnel, skills, and equipment to perform general support maintenance on 102 artillery equivalents.

Strength. EM 3

Basis of allocation. One per 102 artillery equivalents or major fraction thereof when not otherwise provided.

Mobility. One hundred-percent mobile.

Team EK, maintenance support—direct support, 750 to 1,500

Capabilities. a. Provides the personnel and equipment necessary to perform direct support repair on ordnance, signal, and engineer equipment for from 750 to 1,500 troops. Can perform the following annual man-hours of productive maintenance as a category II or III unit:

Type of repair	Cat II	Cat III
Automotive equipment -----	44,270	50,920
Engineer heavy equipment -----	4,660	5,360
Power generation equipment -----	2,330	2,680
Field radios -----	4,660	5,360
Ground-surveillance radar -----	2,330	2,680
Small arms -----	2,330	2,680
Field artillery -----	2,330	2,680

b. May require augmentation by other teams to perform repair on specialized equipment when the density to be supported so warrants. Does not have evacuation capabilities.

Strength. Off 1 EM 31 Aggr 32

Basis of allocation. As required by materiel densities in conformance with the capabilities listed above. For initial planning purposes, one per 750, to 1,500 troops.

Mobility. One hundred-percent mobile.

Team EL, maintenance support—direct support, 1,500 to 2,500

Capabilities. a. Provides the personnel and equipment necessary to perform direct support repair on ordnance, signal, quartermaster, and engineer equipment for from 1,500 to 2,500 troops. Can perform the following annual man-hours of productive maintenance as a category II or III unit:

Type of repair	Cat II	Cat III
Automotive equipment -----	74,560	84,760
Engineer heavy equipment -----	4,660	5,360
Power generation equipment -----	4,660	5,360
Field radios -----	6,990	8,040
Ground-surveillance radar -----	2,330	2,680
Small arms -----	2,330	2,680
Field artillery -----	2,330	2,680
Machining -----	2,330	2,680
Radio-relay equipment -----	2,330	2,680
Manual central office telephone equipment -----	4,660	5,360
Weapon support radar -----	2,330	2,680
Quartermaster light equipment -----	2,330	2,680
Teletypewriter equipment -----	2,330	2,680
Turret artillery -----	2,330	2,680
Welding -----	2,330	2,680

b. May require augmentation by other teams to perform repair on specialized equipment when the density to be supported so warrants. Does not have evacuation capability.

Strength. Off 1 EM 58 Aggr 59

Basis of allocation. As required by materiel densities in conformance with the capabilities listed above. For initial planning purposes, one per 1,500 to 2,500 troops based on an area direct support mission.

Mobility. One hundred-percent mobile.

Team EM, construction equipment repair—direct support

Capabilities. Provides the personnel and equipment necessary to perform engineer equipment direct support repair.

Strength. EM 2

Basis of allocation. One or more per unit requiring supplemental engineer construction equipment repair.

Mobility. One hundred-percent mobile.

Team EN, small-arms repair

Capabilities. Provides augmentation of other teams, composite detachments, and TOE units requiring an additional small-arms repairman.

Strength. EM 1

Basis of allocation. One or more per unit requiring supplemental small-arms repair personnel.

Mobility. Assumes the mobility of the unit to which attached.

Team EO, small-arms repair

Capabilities. Provides the personnel and equipment for the repair of 20,130 small-arms equivalents at direct support level and 50,275 small-arms equivalents at general support level.

Strength. EM 12

Basis of allocation. One or more per independent force or TOE unit requiring small-arms repair support not otherwise provided.

Mobility. One hundred-percent mobile.

Team EP, chemical equipment repair—5,300

Capabilities. a. Provides the personnel to perform inspection, testing, and general support and direct support repair on such Chemical Corps equipment items as protective masks, smoke generators, portable flamethrowers, and portable and truck-mounted decontamination equipment.

b. May require augmentation by other teams to meet sewing or machining requirements.

Strength. EM 5

Basis of allocation. One or more per independent force or TOE unit requiring chemical equipment repair support not otherwise provided. For initial planning purposes, assigned on the basis of one per 5,300 troops supported.

Mobility. One hundred-percent mobile.

Team EQ, chemical equipment repair—10,600

Capabilities. a. Provides the personnel to perform inspection, testing, and general support and direct support repair on such Chemical Corps equipment items as protective masks, smoke generators, portable flamethrowers, and portable and truck-mounted decontamination equipment.

b. May require augmentation by other teams to meet sewing or machining requirements.

Strength. EM 7

Basis of allocation. One or more per independent force or TOE unit requiring chemical equipment repair support not otherwise provided. For initial planning purposes, assigned on the basis of one per 10,600 troops supported.

Mobility. One hundred-percent mobile.

Team ER, chemical equipment repair—15,900

Capabilities. a. Provides the personnel to perform inspection, testing, and general support and direct support repair on such Chemical Corps items as protective masks, smoke generators, portable flamethrowers, and portable and truck-mounted decontamination equipment.

b. May require augmentation by other teams to meet sewing or machining requirements.

Strength. EM 10

Basis of allocation. One or more per independent force or TOE unit requiring chemical equipment repair support not otherwise provided. For initial planning purposes, assigned on the basis of one per 15,900 troops supported.

Mobility. One hundred-percent mobile.

Team ES, power generator repair

Capabilities. Provides the personnel and equipment to perform direct support and general support maintenance on power generation equipment.

Strength. EM 2

Basis of allocation. One or more per independent force, composite detachments, or TOE units requiring power generation repair not otherwise provided.

Mobility. One hundred-percent mobile.

Team ET, refrigeration repair—fixed

Capabilities. Provides two repairmen to operate a fixed repair facility at a depot.

Strength. EM 2

Basis of allocation. One or more per depot, as required, when not otherwise provided.

Mobility. Fixed.

Team EU, refrigeration repair—mobile

Capabilities. Provides the personnel to operate a mobile refrigeration repair facility capable of performing onsite repairs.

Strength. EM 2

Basis of allocation. One per force of 24,000 troops.

Mobility. One hundred-percent mobile.

Team EV, mechanical and metal repair

Capabilities. Provides the personnel and equipment for direct support maintenance of quartermaster mechanical equipment. Also provides the following annual man-hours of productive maintenance as a category II or III unit:

Type of repair	Cat II	Cat III
Office machine -----	2,330	2,680
Quartermaster light equipment ----	9,320	10,720
Quartermaster heavy equipment ----	9,320	10,720
Materials-handling equipment -----	4,660	5,360
Machining -----	2,330	2,680
Power generation equipment -----	2,330	2,680

Strength. EM 14

Basis of allocation. One per force of 15,000 troops when support is not otherwise provided.

Mobility. One hundred-percent mobile.

Team EW, small missile repair, general support/direct support

Capabilities. Provides the trained personnel, skills, and equipment to perform general support and direct support maintenance on small missile systems, including related launching, handling, and simulator equipment.

Strength. EM 3

Basis of allocation. One or more per unit requiring supplemental small missile repairmen.

Mobility. One hundred-percent mobile.

29-620G Coll, Clas, and Prop Dspo Tms

Mission. To provide augmentation of personnel and equipment for the establishment and operation of a collection and classification facility for the receipt, inspection, segregation, disassembly, preservation, and disposition of serviceable and unserviceable class II, VII, and IX materiel and similar foreign materiel (except items peculiar to cryptographic material, missile systems, aircraft, airdrop equipment, drones, and medical materiel).

Assignment. Teams will be assigned or attached to a collection and classification company (TOE 29-139) or to any maintenance unit charged with a collection and classification function.

Capabilities. a. The capabilities of units organized under this TOE will vary with the size and groupings of the teams used. Capabilities for each individual team are as indicated in the detailed breakdown of teams below.

b. When administrative control, mess, organizational supply, and maintenance teams are required, they may be drawn from TOE 29-500 and TOE 29-600, as applicable.

c. These units are not adaptable to levels 2 and 3 or to a type B organization.

d. Individuals of these organizations can engage in effective, coordinated defense of their area or installation.

Strength. See individual teams below for strengths.

Basis of allocation. Allocations for individual teams are as indicated in the detailed breakdown of teams below.

Category. The category of each team will depend on the fixed-strength unit to which assigned or other varying conditions under which the team may operate.

Mobility. See individual teams below for mobility.

Detailed Breakdown of Teams Teams FA—FC

Team FA, collection, classification, and disposal

Capabilities. Provides augmentation of personnel and equipment for the collection, classification, and disposal of class II, VII, and IX materiel (less aircraft, missile, cryptographic, and medical equipment) in support of a force of 15,000 men.

Strength. Off 1 EM 54 Aggr 55

Basis of allocation. Assigned, as required, to a collection and classification company (TOE 29-139) to augment its capability or to any maintenance company charged with a collection and classification function.

Mobility. Twenty-percent mobile.

Team FB, salvage

Capabilities. Provides personnel for the receipt, basic classification, and supervision of the evacuation of all classes of salvage.

Strength. Off 1 EM 25 Aggr 26

Basis of allocation. One per force of 16,000 troops.

Mobility. Fifty-percent mobile.

Team FC, salvage—augmentation

Capabilities. Provides personnel to augment team FB. When augmented by team FC, the capability of team FB can be increased by 100 percent. Not to be used separately.

Strength. EM 18

Basis of allocation. One per team FB.

Mobility. One hundred-percent mobile.

29-630G COMME DS/GS Maint Tms

Mission. To provide direct support and general support maintenance for communications-electronics equipment.

Assignment. To division, corps, army, COMMZ, or theater for attachment, as required.

Capabilities. a. The capabilities of units organized under this TOE will vary with the size and groupings of the teams used. Capabilities for each individual team are as indicated in the detailed breakdown of teams below.

b. When administrative control, mess, organizational supply, and organizational maintenance teams are required, they may be drawn from TOE 29-500 and TOE 29-600, as applicable.

c. These teams are not adaptable to levels 2 and 3 or to a type B organization.

d. Individuals of these organizations can engage in effective, coordinated defense of their area or installation.

Strength. See individual teams below for strengths.

Basis of allocation. Allocations for individual teams are as indicated in the detailed breakdown of teams below.

Category. The category of each team will depend on the fixed-strength unit or HQ to which assigned or other varying conditions under which the team may operate.

Mobility. See individual teams below for mobility.

Detailed Breakdown of Teams Teams GA—GR

Teams GA, photographic equipment maintenance

Capabilities. Provides direct support maintenance for photographic equipment to include projection, still- and motion-picture, photographic surveillance, and allied equipment. Productive maintenance capability is 4,660 annual maintenance man-hours operating as a category II unit, 5,360 annual maintenance man-hours when operating as a category II (mobile) unit, or 5,760 annual maintenance man-hours when operating as a category III (fixed) unit.

Strength. EM 2

Basis of allocation. Assigned, as required, to the field army or COMMZ to provide direct support maintenance for units requiring support. May be used to augment TOE direct support and/or general support maintenance units, as required.

Mobility. One hundred-percent mobile.

Team GB, cable repair

Capabilities. Provides direct support and general support maintenance (e.g., testing, troubleshooting, splicing, and repair) for various types of communication cables. Productive maintenance capability is 9,320 annual maintenance man-hours when operating as a category II unit, 10,720 annual maintenance man-hours when operating as a category II (mobile) unit, or 11,520 annual maintenance man-hours when operating as a category III (fixed) unit.

Strength. EM 4

Basis of allocation. Normally assigned to general support maintenance depots in the field army service area or the COMMZ to augment TOE general support maintenance units, as required. May be used to assist or to augment other TOE units, if required.

Mobility. One hundred-percent mobile.

Team GC, teletypewriter maintenance

Capabilities. Provides direct support and general support maintenance for field teletypewriter equipment. Productive maintenance capability is 6,990 annual maintenance man-hours when operating as a category II unit, 8,040 annual maintenance man-hours when operating as a category II (mobile) unit, or 8,640 annual man-hours when operating as a category III (fixed) unit.

Strength. EM 3

Basis of allocation. Assigned, as required, to the field army or COMMZ to provide direct support and/or general support maintenance for teletypewriter equipment. May be used to augment TOE direct support and/or general support maintenance units, as required.

Mobility. One hundred-percent mobile.

Team GD, automatic telephone-switching maintenance

Capabilities. Provides direct support and/or general support maintenance for automatic telephone-switching equipment. Productive maintenance capability is 4,660 annual maintenance man-hours when operating as a category II unit, 5,360 annual maintenance man-hours when operating as a category II (mobile) unit, or 5,760 annual maintenance man-hours when operating as a category III (fixed) unit.

Strength. EM 2

Basis of allocation. Assigned to the field army or COMMZ, as required, for direct support and/or general support maintenance of automatic switching systems. May be used to augment TOE direct support and/or general support maintenance units, as required.

Mobility. One hundred-percent mobile.

Team GE, crystal unit fabrication

Capabilities. Fabricates crystal units from crystal blanks. Productive maintenance capability is 6,990 annual maintenance man-hours when operating as a category II unit, 8,040 annual maintenance man-hours when operating as a category II (mobile) unit, or 8,640 annual maintenance man-hours when operating as a category III (fixed) unit.

Strength. EM 3

Basis of allocation. Normally one or more per theater, as required, when demand for crystal units cannot be met by service from the zone of interior. Normally assigned to a depot in the field army service area or COMMZ.

Mobility. One hundred-percent mobile.

Team GF, field radio maintenance

Capabilities. Provides direct support maintenance for field radio equipment. Productive maintenance capability is 6,990 annual maintenance man-hours when operating as a category II unit, 8,040 annual maintenance man-hours when operating as a category II (mobile) unit, or 8,640 annual maintenance man-hours when operating as a category III (fixed) unit. Can perform general support maintenance when appropriate tools and test equipment are available.

Strength. EM 3

Basis of allocation. Assigned to the field army or COMMZ, as required. May be used to augment TOE direct support and/or general support maintenance units, as required.

Mobility. One hundred-percent mobile.

Team GG, microwave equipment maintenance

Capabilities. Provides direct support maintenance for field microwave radio equipment, including line-of-sight and scatter-type semifixed and transportable microwave radio equipment. Productive maintenance capability is 6,990 annual maintenance man-hours when operating as a category II unit, 8,040 annual maintenance man-hours when operating as a category II (mobile) unit, or 8,640 annual maintenance man-hours when operating as a category III (fixed) unit. Can perform general support maintenance when appropriate tools and test equipment are available.

Strength. EM 3

Basis of allocation. Assigned, as required, to the field army or COMMZ to provide direct support maintenance for units requiring this support. May be used to augment TOE direct support and/or general support maintenance units, as required.

Mobility. One hundred-percent mobile.

Team GH, manual central office maintenance

Capabilities. Provides direct support and/or general support maintenance for manual telephone central office and associated equipment (e.g., patch panels, telephones, field switchboards, etc.). Productive maintenance capability is 6,990 annual maintenance man-hours when operating as a category II unit, 8,040 annual maintenance man-hours when operating as a category II (mobile) unit, or 8,640 annual maintenance man-hours when operating as a category III (fixed) unit.

Strength. EM 3

Basis of allocation. Assigned, as required, in the field army or COMMZ to provide direct sup-

port and/or general support maintenance for units requiring this support. May be used to augment TOE direct support and/or general support maintenance units, as required.

Mobility. One hundred-percent mobile.

Team GI, electronic test equipment maintenance—general support

Capabilities. Provides general support maintenance for electronic test equipment used in repairing communications-electronics equipment. Productive maintenance capability is 6,990 annual maintenance man-hours when operating as a category II unit, 8,040 annual maintenance man-hours when operating as a category II (mobile) unit, or 8,640 annual maintenance man-hours when operating as a category III (fixed) unit.

Strength. EM 3

Basis of allocation. Normally assigned to field army service area or COMMZ depots to augment TOE general support maintenance units, as required.

Mobility. One hundred-percent mobile.

Team GJ, radar maintenance, augmentation

Capabilities. Provides augmentation of other teams, composite detachments, or fixed TOE maintenance units requiring an additional radar repairman or additional radar repair capability. Productive maintenance capability is 2,330 annual maintenance man-hours when operating as a category II unit, 2,680 annual maintenance man-hours when operating as a category II (mobile) unit, or 2,880 annual maintenance man-hours when operating as a category III (fixed) unit.

Strength. EM 1

Basis of allocation. One or more per maintenance unit, as required.

Mobility. Fixed.

Team GK, electronic instrument maintenance

Capabilities. Provides direct support maintenance for electronic instruments (e.g., radiac, meteorological, facsimile, and polygraph equipment). Productive maintenance capability is 4,660 annual maintenance man-hours when operating as a category II unit, 5,300 annual maintenance man-hours when operating as a category II (mobile) unit, or 5,760 annual maintenance man-hours when operating as a category III (fixed) unit. Can perform general support maintenance when appropriate tools and test equipment are available.

Strength. EM 2

Basis of allocation. Assigned, as required, to the field army or COMMZ for direct support maintenance of electronic instruments. May be used to

augment TOE direct support and/or general support maintenance units, as required.

Mobility. One hundred-percent mobile.

Team GL, high-power radio maintenance (HE-SSB)

Capabilities. Provides direct support and/or general support maintenance for high-power radio (HE-SSB) equipment. Depends on the supported facility, or special authorization, for appropriate tools and test equipment beyond those authorized in the TOE (e.g., system-peculiar items). Productive maintenance capability is 6,990 annual maintenance man-hours when operating as a category II unit, 8,040 annual maintenance man-hours when operating as a category II (mobile) unit, 8,640 annual maintenance man-hours when operating as a category III (fixed) unit.

Strength. WO 1 EM 3 Aggr 4

Basis of allocation. Assigned, as required, in a theater of operations. May be used to augment TOE direct support and/or general support maintenance units, as required.

Mobility. One hundred-percent mobile.

Team GM, radar maintenance

Capabilities. Provides direct support maintenance for signal radar equipment (air defense fire distribution radar excepted). Productive maintenance capability is 6,990 annual maintenance man-hours when operating as a category II unit, 8,040 annual maintenance man-hours when operating as a category II (mobile) unit, or 8,640 annual maintenance man-hours when operating as a category III (fixed) unit. Can perform general support maintenance when appropriate tools and test equipment are available.

Strength. WO 1 EM 3 Aggr 4

Basis of allocation. Assigned, as required, to the field army or COMMZ to provide direct support maintenance for units requiring this support. May be used to augment TOE direct support and/or general support maintenance units, as required.

Mobility. One hundred-percent mobile.

Team GN, communication equipment maintenance (type A)

Capabilities. Provides direct support maintenance for communication equipment (less radio relay) normally located at an operational HQ in the field army or COMMZ. Productive annual maintenance man-hour capabilities, excluding supervisor, for each category of equipment (radio, excluding radio relay; cryptographic; teletypewriter;

central office telephone exchange) are 2,330 annual maintenance man-hours when operating as a category II unit, 2,680 annual maintenance man-hours when operating as a category III (mobile) unit, or 2,880 annual maintenance man-hours when operating as a category III (fixed) unit. Can perform general support maintenance when appropriate tools, test equipment, and facilities are available.

Strength. EM 5

Basis of allocation. Normally assigned to an operational HQ in the field army or COMMZ, as required, to furnish direct support maintenance. May be used to augment TOE direct support and/or general support maintenance units, as required.

Mobility. One hundred-percent mobile.

Team GO, communication equipment maintenance (type B)

Capabilities. a. Provides direct support maintenance for communication equipment normally located at a large operational HQ in the field army or COMMZ. Productive annual maintenance man-hours, excluding supervisory personnel, when operating as a category II unit, category III (mobile) unit, or category III (fixed) unit, are as follows:

Type of repair	Cat II	Cat III (mobile)	Cat III (fixed)
Radio -----	4,660	5,360	5,760
Radio relay -----	2,330	2,680	2,880
Cryptographic -----	2,330	2,680	2,880
Central office telephone exchange -----	2,330	2,680	2,880
Teletypewriter -----	2,330	2,680	2,880

b. Can perform general support maintenance when appropriate tools, test equipment, and facilities are available.

Strength. WO 1 EM 7 Aggr 8

Basis of allocation. Normally assigned to a large operational HQ in the field army area or COMMZ, as required, to furnish direct support maintenance. May be used to augment TOE direct support and/or general support maintenance units, as required.

Mobility. One hundred-percent mobile.

Team GP, communications-electronics maintenance inspection and advisory

Capabilities. Provides a nucleus of communications-electronics technical specialists to aid units having difficult communications-electronics maintenance problems. Provides on-the-job dissemination of the latest available maintenance data and current troubleshooting and repair procedures and techniques.

Strength. Off 1 WO 1 EM 6 Aggr 8

Basis of allocation. One or more per theater, as required. Normally assigned to field depots in the field army service area and/or COMMZ, as required.

Mobility. One hundred-percent mobile.

Team GQ, radio-relay maintenance (direct support)

Capabilities. Provides direct support maintenance for field radio-relay equipment, including terminal, repeater, and associated multiplexing equipment. Productive maintenance capability is 6,990 annual maintenance man-hours when operating as a category II unit, 8,040 annual maintenance man-hours when operating as a category II (mobile) unit, or 8,640 annual maintenance man-hours when operating as a category III (fixed) unit. Can perform general support maintenance when appropriate tools and test equipment are available.

Strength. EM 3

Basis of allocation. Assigned, as required, in the field army or COMMZ to provide direct support maintenance for units requiring this support. May be used to augment TOE direct support and/or general support maintenance units, as required.

Mobility. One hundred-percent mobile.

Team GR, radio-relay maintenance (general support)

Capabilities. Provides general support maintenance for field radio-relay equipment, including terminal, repeater, and associated multiplexing equipment. Is equipped with appropriate tools and test equipment required for the more difficult repair and alignment problems encountered in field radio-relay and carrier equipment. Productive annual maintenance man-hour capabilities, excluding supervisors, is 16,310 annual maintenance man-hours when operating as a category II unit, 18,760 annual maintenance man-hours when operating as a category III (mobile) unit, or 20,160 a category III (fixed) unit.

Strength. WO 1 EM 8 Aggr 9

Basis of allocation. Assigned, as required, in a theater of operations. May be used in support of TOE direct support maintenance units or to augment the capabilities of general support maintenance units, as required.

Mobility. One hundred-percent mobile.

29-640G Cryptologicistic Spt Tms

Mission. To provide direct and/or general supply and maintenance support for field cryptographic equipment.

Assignment. As indicated for individual teams in the detailed break-down of teams below.

Capabilities. a. The capabilities of units organized under this TOE will vary with the size and groupings of the teams used. Capabilities for each individual team are as indicated in the detailed breakdown of teams below.

b. When administrative control, mess, organizational supply, and organizational maintenance teams are required, they may be drawn from TOE 29-500 and TOE 29-600, as applicable.

c. These teams are not adaptable to levels 2 and 3 or to a type B organization.

d. Individuals of these organizations can engage in effective, coordinated defense of their area or installation.

Strength. See individual teams below for strengths.

Basis of allocation. Allocations for individual teams are as indicated in the detailed breakdown of teams below.

Category. The category of each team will depend on the fixed-strength unit or HQ to which assigned or other varying conditions under which the team may operate.

Mobility. See individual teams below for mobility.

**Detailed Breakdown of Teams
Teams HA—HC**

Team HA, cryptologicistic support (type A)

Capabilities. Provides cryptographic support for a division or comparable-size separate task force to include—

- a. Storing and distributing cryptomaterial.
- b. Accounting for cryptomaterial.
- c. Performing direct support and/or general support maintenance on field cryptographic equipment. Productive maintenance capability is 6,990 annual maintenance man-hours when operating as a category II unit.
- d. Storing and issuing unique cryptographic repair parts.

Strength. Off 1 WO 1 EM 8 Aggr 10

Basis of allocation. One per division or separate task force requiring cryptographic support. May be used to augment TOE units, as required.

Mobility. Sixty-percent mobile.

Team HB, cryptologicistic support (type B)

Capabilities. Provides cryptographic support for corps, army, and/or COMMZ troops to include—

- a. Storing and distributing cryptomaterial.
- b. Accounting for cryptomaterial.
- c. Performing direct support and/or general support maintenance on field cryptographic equipment. Productive maintenance capability is 23,300 annual maintenance man-hours when operating as a category II unit.
- d. Storing and issuing unique cryptographic repair parts.

Strength. Off 2 WO 1 Off 20 Aggr 23

Basis of allocation. a. One per corps or army, as augmentation, when required.

b. One per general support group (field army) for augmentation, as required.

c. One per area support group (COMMZ).

d. May be used to provide cryptographic support to separate corps or comparable-size task force.

Mobility. Ninety-percent mobile.

Team HC, cryptologicistic support (type C)

Capabilities. Provides cryptographic support for army troops to include—

- a. Storing and distributing cryptomaterial.
- b. Accounting for cryptomaterial.
- c. Performing direct support and/or general support maintenance on field cryptographic equipment. Productive maintenance capability is 32,620 annual maintenance man-hours when operating as a category II unit.
- d. Storing and issuing unique cryptographic repair parts.

Strength. Off 2 WO 1 EM 27 Aggr 30

Basis of allocation. Assigned to field army or COMMZ, as required.

Mobility. Ninety-percent mobile.

**29-650G ADP and Ofc Mach Equip
Maint Tms**

Mission. To provide direct support and/or general support maintenance for automatic data processing and office machines.

Assignment. As indicated for individual teams in the detailed breakdown of teams below.

Capabilities. a. The capabilities of units organized under this TOE will vary with the size and groupings of the teams used. Capabilities for each individual team are as indicated in the detailed breakdown of teams below.

b. When administrative control, mess, organizational supply, and organizational maintenance

teams are required, they may be drawn from TOE 29-500 and TOE 29-600, as applicable.

c. These teams are not adaptable to levels 2 and 3 or to a type B organization.

d. Individuals of these organizations can engage in effective, coordinated defense of their area or installation.

Strength. See individual teams below for strengths.

Basis of allocation. Allocations for individual teams are as indicated in the detailed breakdown of teams below.

Category. The category of each team will depend on the fixed-strength unit or HQ to which assigned or other varying conditions under which the team may operate.

Mobility. See individual teams below for mobility.

Detailed Breakdown of Teams Teams IA—ID

Team IA, automatic data processing equipment maintenance

Capabilities. Provides direct support maintenance for automatic data processing equipment in a theater of operations. Productive maintenance capability, excluding warrant officer technician, is 6,993 annual maintenance man-hours when operating as a category II unit. Can perform general support maintenance when appropriate tools, test equipment, and facilities are available.

Strength. WO 1 EM 3 Aggr 4

Basis of allocation. Assigned, as required, in the field army or COMMZ to provide direct support maintenance for units using automatic data processing equipment. May be used to augment TOE direct support and/or general support maintenance units, as required.

Mobility. One hundred-percent mobile.

Team IB, office machine repair—fixed

Capabilities. Provides the personnel and equipment for direct support and general support repair of office machines. Can maintain 2,200 office machines when employed as a category III activity or 1,900 office machines when employed as a category II activity.

Strength. EM 3

Basis of allocation. One or more per independent force, composite detachment, or TOE unit requiring office machine repair capability not otherwise provided.

Mobility. Fixed.

Team IC, office machine repair—mobile

Capabilities. Provides the personnel and equipment for a mobile contact repair team to perform direct support and general support repair on office machines. Can maintain 1,100 office machines in the field army or 1,300 in the COMMZ.

Strength. EM 2

Basis of allocation. One or more per independent force, composite detachment, or TOE unit requiring mobile office machine repair capability not otherwise provided.

Mobility. One hundred-percent mobile.

Team ID, office machine repair—augmentation

Capabilities. Provides augmentation of other teams, composite detachments, or TOE units requiring an additional office machine repairman. Can support from 550 to 750 office machines.

Strength. EM 1

Basis of allocation. One or more per office machine repair team requiring augmentation by additional repairmen.

Mobility. Fixed.

29-660G Canvas and Webbing Maint Tms

Mission. a. To provide direct support and general support repair for heavy canvas and webbing equipment.

b. To provide direct support repair on leather footwear.

Assignment. As indicated for individual teams in the detailed breakdown of teams below.

Capabilities. a. The capabilities of units organized under this TOE will vary with the size and groupings of the teams used. Capabilities for each individual team are as indicated in the detailed breakdown of teams below.

b. When administrative control, mess, organizational supply, and organizational maintenance teams are required, they may be drawn from TOE 29-500 and TOE 29-600, as applicable.

c. These teams are not adaptable to levels 2 and 3 or to a type B organization.

d. Individuals of these organizations can engage in effective, coordinated defense of their area or installation.

Strength. See individual teams below for strengths.

Basis of allocation. Allocations for individual teams are as indicated in the detailed breakdown of teams below.

Category. The category of each team will depend on the fixed-strength unit or HQ to which

assigned or other varying conditions under which the team may operate.

Mobility. See individual teams below for mobility.

Detailed Breakdown of Teams Teams JA—JG

Team JA, heavy canvas and webbing repair—fixed

Capabilities. Provides personnel and equipment to perform direct support and general support repair on heavy canvas and webbing equipment from a fixed facility for a force of 5,000 troops.

Strength. EM 3

Basis of allocation. One per force of 5,000 troops when not otherwise provided.

Mobility. Fixed.

Team JB, heavy canvas and webbing repair—fixed

Capabilities. Provides personnel and equipment to perform direct support and general support repair on heavy canvas and webbing equipment from a fixed facility for a force of 10,000 troops.

Strength. EM 5

Basis of allocation. One per force of 10,000 troops when not otherwise provided.

Mobility. Fixed.

Team JC, heavy canvas and webbing repair—fixed

Capabilities. Provides personnel and equipment to perform direct support and general support repair on heavy canvas and webbing equipment from a fixed facility for a force of 15,000 troops.

Strength. EM 7

Basis of allocation. One per force of 15,000 troops when not otherwise provided.

Mobility. Fixed.

Team JD, heavy canvas and webbing repair—fixed, augmentation

Capabilities. Provides augmentation of other teams, composite detachments, or TOE units requiring an additional canvas repairman with tools and equipment.

Strength. EM 1

Basis of allocation. One or more per team, composite detachment, or TOE unit, as required, to support an additional force of 2,500 troops.

Mobility. Fixed.

Team JE, heavy canvas and webbing repair—mobile

Capabilities. Provides personnel and equipment to perform direct support and general support repair on heavy canvas and webbing equipment in a semimobile repair installation for a force of 16,000 troops as a category III unit and 14,000 troops as a category II unit.

Strength. EM 10

Basis of allocation. One per 16,000 troops in the COMMZ or one per 14,000 troops in the field army area.

Mobility. One hundred-percent mobile.

Team JF, heavy canvas and webbing repair—mobile, augmentation

Capabilities. Provides personnel for a second shift to operate equipment in team JE on a 24-hour basis. Not to be used separately.

Strength. EM 10

Basis of allocation. One per team JE when required to increase that team's capability by 100 percent.

Mobility. Fixed.

Team JG, shoe repair

Capabilities. a. Provides personnel and equipment to perform direct support repair on leather footwear items in a mobile or semimobile repair installation in support of 7,500 troops.

b. Capabilities are increased by approximately 15 percent when this team is employed as a category III unit.

Strength. EM 3

Basis of allocation. a. One per 7,500 troops in the field army (category II).

b. One per 8,600 troops in the COMMZ (category III).

Mobility. One hundred-percent mobile.

29-670G Calbr Tms

Mission. To provide a calibration control facility, secondary reference calibration support, and secondary transfer calibration support, as required, to augment existing calibration support facilities or to provide calibration support in instances where assignment of a calibration company or an additional calibration company is not warranted by the density of equipment to be calibrated.

Assignment. Normally to TASCOD or task force LOGCOMD.

Capabilities. a. The capabilities of units organization under this TOE will vary with the size and groupings of the teams used. Capabilities for

each individual team are as indicated in the detailed breakdown of teams below.

b. When administrative control, mess, organizational supply, and organizational maintenance teams are required, they may be drawn from TOE 29-500 and TOE 29-600, as applicable.

c. These teams are not adaptable to levels 2 and 3 or to a type B organization.

d. Individuals of these organizations can engage in effective, coordinated defense of their area or installation.

Strength. See individual teams below for strengths.

Basis of allocation. Allocations for individual teams are as indicated in the detailed breakdown of teams below.

Category. The category of each team will depend on the fixed-strength unit or HQ to which assigned or other varying conditions under which the team may operate.

Mobility. See individual teams below for mobility.

Detailed Breakdown of Teams Teams KA—KC

Team KA, calibration control

Capabilities. Provides personnel for the control of teams KB and KC, when required.

Strength. Off 1 EM 2 Aggr 3

Basis of allocation. One per secondary-level calibration activity when the calibration mission requires the augmentation of this team. May control more than one team KB and/or team KC when the volume of certification is limited.

Mobility. Twenty-five-percent mobile.

Team KB, secondary reference calibration

Capabilities. Provides personnel and equipment to certify the calibration standards for a maximum of five teams KC. The secondary reference standards must be housed in a facility that provides the capability to maintain temperature control at 73.2°F, plus or minus 2°, with a humidity range from a minimum of 30 percent to a maximum of 50 percent.

Strength. WO 1 EM 6 Aggr 7

Basis of allocation. One or more per facility requiring secondary reference calibration support when economic utilization is insured. Normally attached to a depot.

Mobility. Fixed.

Team KC, secondary transfer calibration

Capabilities. Provides personnel and equipment to perform secondary transfer calibration

on test and measuring equipment within an assigned area of responsibility.

Strength. WO 1 EM 5 Aggr 6

Basis of allocation. One or more per facility requiring secondary transfer calibration support. Normally attached to a depot.

Mobility. One hundred-percent mobile.

29-680G Acft Maint Tms

Mission. *a.* To provide organizational maintenance support for aircraft and aircraft armament.

b. To provide organizational, direct support, and general support maintenance for aircraft electronic equipment.

Assignment. To major combat service support HQ or aviation operating units in the field army or COMMZ.

Capabilities. *a.* The capabilities of units organized under this TOE will vary with the size and groupings of the teams used. Capabilities for each individual team are as indicated in the detailed breakdown of teams below.

b. When administrative control, mess, organizational supply, and organizational maintenance teams are required, they may be drawn from TOE 29-500 and TOE 29-600, as applicable.

c. These teams are not adaptable to levels 2 and 3 or to a type B organization.

d. Individuals of these organizations can engage in effective, coordinated defense of their area or installation.

Strength. See individual teams below for strengths.

Basis of allocation. Allocations for individual teams are as indicated in the detailed breakdown of teams below.

Category. The category of each team will depend on the fixed-strength unit or HQ to which assigned or other varying conditions under which the team may operate.

Mobility. See individual teams below for mobility.

Manpower Authorization Criteria Tables

a. Aircraft maintenance authorization for crew chiefs, airplane mechanics, and/or helicopter mechanics and mechanics helpers will be computed according to the following formula. The authorization for maintenance personnel will be computed separately for each type of airplane and/or helicopter.

$$\frac{\text{Number of acft} \times \text{number of flying hr}^1 \times \text{maint hr per flying hr}^2}{\text{Man-hr available per mo}^3} = \text{Number of maint pers auth}$$

Table A

Type of aircraft	Maintenance man-hours per flying hour
O-1 -----	3.0
U-6 -----	4.0
U-8 -----	6.0
OH-13 -----	4.0
OH-23 -----	4.0
UH-19 -----	7.0
CH-34 -----	10.8
UH-1 -----	6.0
CH-37 -----	15.6
CH-47A -----	15.6

¹ Flying hr per mo as listed in SB 1-1, table IV.

² Maint hr per flying hr, table A.

³ Available man-hr determined from para 28, AR 310-32.

b. Aviation electronic equipment maintenance authorization for aviation electronic equipment mechanics will be determined from the criteria in table B. Maintenance equivalents for each aircraft are listed in table C. A separate determination for the authorization of aviation electronic equipment mechanics will be made for each group of aircraft to be maintained by a specific shop in a single location.

Table B

Number of maintenance equivalents	Authorization of aviation electronic equipment mechanics
12.0 to 33.9 -----	1
34.0 to 67.9 -----	2
68.0 to 101.9 -----	3
102.0 to 160.0 -----	4
Each 100 in excess of 160 ----	1 additional

Table C

Type of aircraft	Maintenance equivalents
O-1 -----	3.6
U-6 -----	9.2
U-8 -----	9.4
OH-13 -----	2.0
OH-23 -----	2.0
UH-19 -----	8.7
CH-34 -----	8.7
UH-1 -----	8.7
CH-37 -----	9.7
CH-47A -----	9.7

c. Aircraft armament repairmen authorization will be determined from criteria established in paragraph 28, AR 310-32. Maintenance man-hours required per aircraft armament subsystem are listed in table D. A separate determination for the authorization of aircraft armament repairmen will be made for each group of aircraft to be maintained by a specific shop in a single location.

Table D

Subsystem	Man-hours per year (organizational)
XM2 Armament subsystem, helicopter, 7.62-mm machinegun, twin-gun.	
XM3 Armament subsystem, helicopter, 2.75-inch rocket launcher.	1,460
XM15 Armament subsystem, helicopter, 40-mm grenade launcher.	1,095
M6 Armament subsystem, helicopter, 7.62-mm machinegun, quad-gun.	2,555
SS-11 Armament subsystem, helicopter, guided-missile	730
----- Armed fixed-wing aircraft -----	1,460

Detailed Breakdown of Teams

Teams LA—LK, LM, and LN

Team LA, airplane maintenance

Capabilities. Provides an additional mechanic and equipment for the maintenance of an Army airplane.

Strength. EM 1

Basis of allocation. When required in accordance with table A above.

Mobility. One hundred-percent mobile when assigned to an aircraft team.

Team LB, helicopter maintenance

Capabilities. Provides an additional mechanic and equipment for the maintenance of an Army helicopter.

Strength. EM 1

Basis of allocation. When required in accordance with table A above.

Mobility. One hundred-percent mobile when assigned to an Army aircraft team.

Team LC, aircraft maintenance crewman

Capabilities. Provides a mechanics helper and equipment for the maintenance of an Army airplane and/or helicopter.

Strength. EM 1

Basis of allocation. When required in accordance with table A above.

Mobility. One hundred-percent mobile when assigned to an Army aircraft team.

Team LD, aircraft maintenance supervisor

Capabilities. Provides an aircraft maintenance supervisor for six or more aircraft mechanics and helpers.

Strength. EM 1

Basis of allocation. When not otherwise provided.

Mobility. One hundred-percent mobile when assigned to an Army aircraft team.

Team LE, aircraft armament maintenance

Capabilities. Provides a mechanic and equipment for the organizational maintenance of aircraft armament subsystems.

Strength. EM 1

Basis of allocation. When required in accordance with table D above.

Mobility. One hundred-percent mobile when assigned to an Army aircraft team.

Team LF, avionic maintenance, direct support—type A

Capabilities. Provides direct support maintenance for Army aircraft electronic equipment to include communication and navigation and associated ground communication and navigation equipment. Productive maintenance capability is aviation electronic equipment repair (MOS 35L20, 35M20) 6,990 annual maintenance man-hours when operating in a category II unit. Can perform general support maintenance when appropriate tools, test equipment, and facilities are made available.

Strength. WO 1 EM 8 Aggr 9

Basis of allocation. Assigned, as required, to field army or COMMZ to provide direct support maintenance for Army units with aircraft. May be used to augment TOE direct support and/or general support maintenance units in support of an airmobile company (light).

Mobility. Fifty-percent mobile.

Team LG, avionic maintenance, direct support—type B

Capabilities. Provides direct support maintenance for Army aircraft electronic equipment to include communication, navigation, and flight control and associated ground communication and navigation equipment. Productive maintenance capability is aviation electronic equipment repair (MOS 35L20, 35M20, 35N20) 6,990 annual maintenance man-hours when operating in a category II unit. Can perform general support maintenance when appropriate tools, test equipment, and facilities are made available.

Strength. WO 1 EM 8 Aggr 9

Basis of allocation. Assigned, as required, to field army or COMMZ to provide direct support maintenance for Army units with aircraft. May be used to augment TOE direct support and/or general support maintenance units in support of an airmobile company (medium).

Mobility. Fifty-percent mobile.

Team LH, avionic maintenance, direct support—type C

Capabilities. Provides direct support maintenance for Army aircraft electronic equipment to include communication, navigation, airborne ra-

dar, and flight control and associated ground communication and navigation equipment. Productive maintenance capability is aviation electronic equipment repair (MOS 35L20, 35M20, 35N20) 6,990 annual maintenance man-hours and radar repair (MOS 26M20) 4,660 annual maintenance man-hours when operating in a category II unit. Can perform general support maintenance when appropriate tools, test equipment, and facilities are made available.

Strength. WO 1 EM 8 Aggr 9

Basis of allocation. Assigned, as required, to field army or COMMZ to provide direct support maintenance for Army units with aircraft. May be used to augment TOE direct support and/or general support maintenance units in support of an aerial surveillance company.

Mobility. Fifty-percent mobile.

Team LI, avionic maintenance, direct support—type D

Capabilities. Provides a three-man team equipped for direct support maintenance of special-purpose avionic equipment normally included in the Mohawk (OV-1) aircraft. Depends on the avionic team supported for maintenance of general-purpose avionic equipment included in the Mohawk aircraft. Can perform general support maintenance when appropriate tools, test equipment, and facilities are made available.

Strength. EM 3

Basis of allocation. Assigned, as required, to field army or COMMZ to provide direct support maintenance for Army units with Mohawk (OV-1) aircraft. May be used to augment TOE direct support and/or general support maintenance units in support of Mohawk (OV-1) aircraft.

Mobility. One hundred-percent mobile.

Team LJ, avionic maintenance, general support

Capabilities. Provides general support maintenance for Army aircraft electronic equipment to include communication, navigation, radar, photographic surveillance, and IFF transponder and associated ground control approach, beacon, and radio navigation equipment. Productive maintenance capability is aviation electronic equipment repair (MOS 35L20, 35M20, 35N20) 11,650 annual maintenance man-hours, radar and infrared repair (MOS 26N20, 26M20) 11,650 annual maintenance man-hours, ground control repair (MOS 26D30) 4,660 annual maintenance man-hours, and photographic surveillance repair

(MOS 41G20) 2,330 annual maintenance man-hours when operating in a category II unit.

Strength. WO 1 EM 19 Aggr 20

Basis of allocation. Assigned, as required, to field army or COMMZ to provide general support maintenance for Army units. May be used to augment TOE general support maintenance units, as required.

Mobility. Twenty-percent mobile.

Team LK, avionic maintenance—OV-1 surveillance, augmentation

Capabilities. Provides augmentation of other teams, composite detachments, or fixed TOE maintenance units requiring an additional avionic surveillance repair capability.

Strength. EM 1

Basis of allocation. One or more per unit requiring supplemental avionic surveillance repair personnel.

Mobility. Fixed.

Team LM, avionic maintenance—OV-1 infrared, augmentation

Capabilities. Provides augmentation of other teams, composite detachments, or fixed TOE maintenance units requiring an additional avionic infrared repair capability.

Strength. EM 1

Basis of allocation. One or more per unit requiring supplemental avionic infrared repair personnel.

Mobility. Fixed.

Team LN, avionic maintenance—augmentation

Capabilities. Provides augmentation of other teams, composite detachments, or fixed TOE units requiring an additional avionic mechanic or additional organizational avionic repair capability.

Strength. EM 1

Basis of allocation. One or more per unit requiring supplemental avionic repair personnel.

Mobility. Fixed.

CHAPTER 18

INTELLIGENCE UNITS

30-5G MI Bn, Air Recon Spt, Fld Army

Mission. To produce and disseminate all available information and intelligence obtained or developed from tactical air force reconnaissance elements operating in support of the field army and to provide liaison officers to tactical reconnaissance elements of the supporting tactical air force.

Assignment. To field army or independent corps.

Capabilities. a. At level 1, this unit—

(1) Processes, interprets, annotates, reproduces, and delivers imagery obtained from the tactical air force reconnaissance elements operating in support of the field army.

(2) Performs coordinated imagery interpretation and reproduction from widely separated reconnaissance airfields and from the vicinity of the supported field army HQ.

(3) Disseminates information obtained through imagery interpretation and visual sightings by the tactical air force reconnaissance elements.

(4) Provides liaison officers to tactical air force reconnaissance elements operating in support of the field army.

(5) Provides deployed operations parallel to any dispersion of the tactical air force reconnaissance wing.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) The army signal battalion (TOE 11-95) for communication support.

(2) Other Army units for medical, religious, and transportation support.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 28 WO 17
EM 236 Aggr 281

b. Level 2: Off 28 WO 17
EM 209 Aggr 254

c. Level 3: Off 26 WO 16
EM 185 Aggr 227

Basis of allocation. One per field army or independent corps.

Category. II.

Mobility. For mobility of the components of this battalion, see applicable TOE extracts.

Components. a. One HHC (TOE 30-6G).

b. Four military intelligence detachments, air reconnaissance support, field army (TOE 30-7G).

30-6G HHC, MI Bn, Air Recon Spt, Fld Ar

Mission. a. To provide command, administration, and logistic support for the military intelligence battalion, air reconnaissance support, field army (TOE 30-5).

b. To provide the means for immediate dissemination of information and imagery to the using units on a 24-hour basis and to provide liaison and coordination with the tactical air force reconnaissance units supporting the field army.

Assignment. Organic to military intelligence battalion, air reconnaissance support, field army (TOE 30-5).

Capabilities. a. At level 1, this unit—

(1) Provides command, control, and staff supervision for the battalion.

(2) Coordinates operations with those of the tactical air force reconnaissance elements that provide support to the field army.

(3) Provides liaison officers to tactical air force reconnaissance elements that provide support to the field army.

(4) Provides administration and logistic support for the battalion.

(5) Performs detailed interpretation of aerial imagery for the field army, as required.

(6) Reproduces, identifies, and packages aerial imagery.

(7) Performs at least three daily deliveries, as required, from each reconnaissance airfield to the field army HQ and to each corps and division of the field army.

b. This unit is not adaptable to a type B organization.

c. This unit depends on other units for medical and religious facilities.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 12 WO 9
EM 92 Aggr 113
b. Level 2: Off 12 WO 9
EM 81 Aggr 102
c. Level 3: Off 10 WO 8
EM 73 Aggr 91

Basis of allocation. One per military intelligence battalion, air reconnaissance support, field army (TOE 30-5).

Category. II.

Mobility. Seventy-five-percent mobile in organic transportation; 100-percent air transportable in medium transport aircraft.

30-7G MID, Air Recon Spt, Fld Army

Mission. To provide interpretation and reproduction of aerial imagery obtained for the field army by the tactical air force and to provide liaison between field army and the tactical air force reconnaissance squadrons.

Assignment. Organic to military intelligence battalion, air reconnaissance support, field army (TOE 30-5). May operate as a separate detachment, when required.

Capabilities. a. At level 1, this unit—

(1) Plots and performs immediate interpretation of 950 9- by 18-inch aerial photographs (or equivalent) in a 24-hour period and prepares and disseminates priority interpretation reports on this imagery.

(2) Performs detailed interpretation of aerial imagery for the field army, as required.

(3) Reproduces, identifies, and packages aerial imagery up to 4,000 9- by 18-inch prints or equivalent in an 8-hour period.

(4) Provides liaison with reconnaissance elements of the tactical air force that provide support to the field army, briefs and debriefs Air Force pilots to secure information obtained from visual sightings.

b. This unit is not adaptable to a type B organization.

c. This unit depends on the battalion HHC (TOE 30-6) and/or other U.S. forces for mess facilities.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 4 WO 2
EM 36 Aggr 42
b. Level 2: Off 4 WO 2
EM 32 Aggr 38
c. Level 3: Off 4 WO 2
EM 28 Aggr 34

Basis of allocation. a. Four per military intelligence battalion, air reconnaissance support, field army (TOE 30-5). Additional detachments may be provided on an augmentation basis when specifically authorized by DA or theater of operation commander.

b. Separate detachment, when required.

Category. II.

Mobility. Fifty-percent mobile; 100-percent air transportable in medium transport aircraft.

30-14G MID, Armd Cav Regt MID, Sep Inf Bde

Mission. To perform specialized intelligence and counterintelligence functions that require the employment of special skills or the utilization of foreign languages in support of an armored cavalry regiment or separate infantry brigade.

Assignment. To military intelligence battalion, field army (TOE 30-25), and attached to armored cavalry regiment or separate infantry brigade on a quasi-permanent basis.

Capabilities. a. At level 1, this unit—

(1) Assists the S2 of an armored cavalry regiment or separate infantry brigade in the specialized fields of order of battle, imagery interpretation, interrogation of prisoners of war, documents translation, and counterintelligence.

(2) Performs nonspecialized intelligence staff functions besides assigned specialties, as designated by the unit commander.

b. This unit is not adaptable to a type B organization.

c. Mess and maintenance support are provided by other units.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 9 WO 2
EM 21 Aggr 32
b. Level 2: Off 9 WO 2
EM 18 Aggr 29
c. Level 3: Off 9 WO 2
EM 15 Aggr 26

Basis of allocation. One per each armored cavalry regiment or separate infantry brigade in a field army. The number of these detachments in the military intelligence battalion, field army (TOE 30-25), depends on the number of armored cavalry regiments and separate infantry brigades in a field army.

Category. II.

Mobility. One hundred-percent mobile.

30-17G MI Co, Inf Div
MI Co, Inf Div (Mech)
MI Co, Armd Div
MI Co, Abn Div
MI Co, Airmbl Div

Mission. To perform specialized intelligence and counterintelligence functions that require the employment of special skills or the utilization of foreign languages in support of an infantry, infantry (mechanized), armored, airborne, or airmobile division.

Assignment. To military intelligence battalion, field army (TOE 30-25), and attached to an infantry, infantry (mechanized), armored, airborne, or airmobile division on a quasi-permanent basis.

Capabilities. a. At level 1, this unit—

(1) Provides the G2 of a division assistance in the specialized fields of order of battle, imagery interpretation, counterintelligence, and interrogation of prisoners of war.

(2) Performs nonspecialized intelligence staff functions besides assigned specialties, as designated by the unit commander. Utilization of counterintelligence personnel will be in consonance with AR 381-101.

(3) Can land by parachute when attached to an airborne division.

b. This unit is not adaptable to a type B organization.

c. This unit can perform organizational maintenance on its organic equipment.

d. This unit depends on other units for mess and direct and general maintenance support.

e. All personnel are parachutist-qualified when this unit is attached to an airborne division.

f. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 16 WO 4
 EM 65 Aggr 85
 b. Level 2: Off 16 WO 4
 EM 56 Aggr 76

c. Level 3: Off 16 WO 4
 EM 48 Aggr 68

Basis of allocation. One per each infantry, infantry (mechanized), armored, airborne, or airmobile division. The number of these companies assigned the military intelligence battalion, field army (TOE 30-25), depends on the number of infantry, infantry (mechanized), armored, airborne, or airmobile divisions in a given field army.

Category. II.

Mobility. One hundred-percent mobile in organic transportation; 100-percent air transportable in medium transport aircraft, except for the AN/TSQ-43, which requires heavy transport aircraft.

30-18G MID, Corps
MID, Abn Corps

Mission. To perform specialized intelligence and counterintelligence functions that require the employment of special skills or the utilization of foreign languages in support of a corps or airborne corps operating independently or as part of a field army.

Assignment. To military intelligence battalion, field army (TOE 30-25), and attached to corps or airborne corps on a quasi-permanent basis.

Capabilities. a. At level 1, this unit—

(1) Provides the G2 of a corps with assistance in the specialized fields of order of battle, interrogation of prisoners of war, documents translation, technical intelligence, counterintelligence, and imagery interpretation.

(2) Personnel of this unit, as designated by the unit commander, can perform nonspecialized intelligence staff functions besides assigned specialties.

(3) Can land by parachute or aircraft when attached to an airborne corps.

b. This unit is not adaptable to a type B organization.

c. Mess and maintenance support are provided by other units.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 17 WO 7
 EM 48 Aggr 72
 b. Level 2: Off 17 WO 7
 EM 41 Aggr 65

- c. Level 3: Off 17 WO 7
EM 34 Aggr 58

Basis of allocation. One per corps or airborne corps. The number of these detachments assigned the military intelligence battalion, field army (TOE 30-25), depends on the number of corps in a given field army.

Category. II.

Mobility. One hundred-percent mobile; 100-percent air transportable in medium transport aircraft.

30-25G MI Bn, Fld Army

Mission. To perform specialized intelligence and counterintelligence functions in support of the field army.

Assignment. To field army.

Capabilities. a. At level 1, this unit—

(1) Supports the field army, its subordinate corps, divisions, armored cavalry regiments, and separate brigades by providing specialized assistance in the fields of order of battle, imagery interpretation, counterintelligence, intelligence collection operations, technical intelligence collection, strategic intelligence research and analysis, interrogation of prisoners of war, documents translation, and censorship.

(2) Commands, controls, and supervises administrative and logistic functions of those subordinate military intelligence units that operate at field army level.

(3) Provides technical supervision for those assigned separate military intelligence detachments attached on a quasi-permanent basis to corps, airborne corps, divisions, armored cavalry regiments, and separate brigades of the field army.

b. The separate detachments assigned this battalion depend on the organization to which attached for logistic and administrative support.

c. Individuals of this organization, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

- Strength.* a. Level 1: Off 165 WO 42
EM 545 Aggr 752
b. Level 2: Off 162 WO 40
EM 476 Aggr 678
c. Level 3: Off 159 WO 37
EM 403 Aggr 599

Basis of allocation. One per field army.

Category. II.

Mobility. For mobility of the components of this battalion, see applicable TOE extracts.

Components. a. One HHC (TOE 30-26G).

b. One military intelligence company, interrogation (TOE 30-27G).

c. One military intelligence company, counterintelligence (TOE 30-28G).

d. One military intelligence company, collection (TOE 30-29G).

e. One military intelligence company, technical intelligence (TOE 30-34G).

30-26G HHC, MI Bn, Fld Army

Mission. To provide command, control, administrative support, limited supply, and maintenance for the military intelligence battalion, field army (TOE 30-25).

Assignment. Organic to military intelligence battalion, field army (TOE 30-25).

Capabilities. a. At level 1, this unit—

(1) Provides command, control, staff planning, supervision, and coordination of operations of those elements of the military intelligence battalion that operate at field army level.

(2) Provides technical support for all military intelligence companies and detachments, including those that may be attached to corps, divisions, armored cavalry regiments, and separate infantry brigades.

(3) Provides personnel administration, organizational maintenance, logistic support, and special technical support and guidance for organic, assigned, and attached units.

(4) Performs direct support and general support maintenance on special technical equipment for assigned detachments.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

- Strength.* a. Level 1: Off 71 WO 11
EM 173 Aggr 255
b. Level 2: Off 71 WO 11
EM 149 Aggr 231
c. Level 3: Off 71 WO 11
EM 122 Aggr 204

Basis of allocation. One per military intelligence battalion, field army (TOE 30-25).

Category. II.

Mobility. Fifty-percent mobile; 100-percent air transportable in medium transport aircraft.

30-27G MI Co, Intg

Mission. To perform intelligence functions of interrogation and documents translation in fulfilling the requirements of field army.

Assignment. Organic to military intelligence battalion, field army (TOE 30-25). May operate as a separate company, when required.

Capabilities. a. At level 1, this unit supports the G2 with specialized assistance in the fields of interrogation of prisoners of war and translation of enemy documents. This unit is an operating element of the military intelligence battalion, field army, and is in direct support of the field army G2 section.

b. This unit is not adaptable to a type B organization.

c. This unit depends on other units for mess and maintenance support.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 20 EM 82
Aggr 102
b. Level 2: Off 20 EM 72
Aggr 92
c. Level 3: Off 20 EM 62
Aggr 82

Basis of allocation. a. One per military intelligence battalion, field army (TOE 30-25).

b. Separate company, as required.

Category. II.

Mobility. Forty-percent mobile; 100-percent air transportable in medium transport aircraft.

30-28G MI Co, Ci

Mission. To perform counterintelligence functions, as set forth in AR 381-101, within the military jurisdiction of the field army.

Assignment. Organic to military intelligence battalion, field army (TOE 30-25). May operate as a separate company, when required.

Capabilities. a. At level 1, this unit—

(1) Provides the G2 with the operational means to accomplish his counterintelligence responsibilities.

(2) Operates and controls specialized counterintelligence coverage of the field army area.

b. This unit is not adaptable to a type B organization.

c. This unit depends on the battalion HHC (TOE 30-26) and/or supported units for mess and motor maintenance.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 24 WO 8
EM 93 Aggr 125
b. Level 2: Off 24 WO 8
EM 81 Aggr 113
c. Level 3: Off 24 WO 8
EM 68 Aggr 100

Basis of allocation. a. One per military intelligence battalion, field army (TOE 30-25).

b. Separate company, as required.

Category. II.

Mobility. One hundred-percent mobile; 100-percent air transportable in medium transport aircraft.

30-29G MI Co, Coll

Mission. To collect, as specified in AR 10-17, intelligence that will assist in fulfilling the battlefield requirements of the field army, and to conduct other intelligence collection missions when so directed by higher HQ through command channels.

Assignment. Organic to military intelligence battalion, field army (TOE 30-25); may operate as a separate company, when required.

Capabilities. a. At level 1, this unit—

(1) Conducts area intelligence planning concurrently with military intelligence battalion HQ and the army G2 section.

(2) Supervises, coordinates, and controls military intelligence company, collection, elements that operate in the field army.

(3) Provides limited technical support and operational guidance for all military intelligence company, collection, elements and technical support, to include direct support repair capability for standard and nonstandard radio equipment essential to area intelligence operations.

b. This unit is not adaptable to a type B organization.

c. This unit depends on other units for maintenance support.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 25 WO 17
EM 78 Aggr 120
b. Level 2: Off 23 WO 15
EM 70 Aggr 108
c. Level 3: Off 21 WO 14
EM 61 Aggr 96

Basis of allocation. One per military intelligence battalion, field army (TOE 30-25).

b. Separate company, as required.

Category. II.

Mobility. One hundred-percent mobile; 100-percent air transportable in medium transport aircraft.

30-34G MI Co, TI

Mission. To provide for a selective examination, evaluation, and classification of technical information and the dissemination of intelligence derived therefrom through technical examination of enemy materiel; and to assist in the interrogation of prisoners of war and the processing of information derived therefrom.

Assignment. Organic to military intelligence battalion, field army (TOE 30-25).

Capabilities. a. At level 1, this unit—

(1) Examines, evaluates, and classifies captured enemy materiel.

(2) Prepares and disseminates technical intelligence reports, summaries, and analyses.

(3) Prepares and maintains technical intelligence records and files.

(4) Participates in the interrogation of prisoners of war and the processing of information derived therefrom.

(5) Operates as a control center for a coordinated technical intelligence program within the field army.

(6) Prepares captured enemy materiel for evacuation, as required.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) The general chemical laboratory (TOE 3-97) for field laboratory support (other than medical).

(2) The army signal battalion (TOE 11-95) for photographic processing support.

d. Individuals of this organization, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 25 WO 6

EM 119 Aggr 150

b. Level 2: Off 24 WO 6

EM 104 Aggr 134

c. Level 3: Off 23 WO 4

EM 90 Aggr 117

Basis of allocation. One per military intelligence battalion, field army (TOE 30-25).

Category. II.

Mobility. Fifty-percent mobile; 100-percent air transportable in medium transport aircraft.

30-60G (FPTOE) MI Gp, Ci (ASCOM)

Mission. To provide military intelligence specialist support to TASCOT for the security of U.S. personnel and installations within the TASCOT area.

Assignment. Organic to ASCOM of TASCOT.

Capabilities. a. At level 1, this unit—

(1) Supports ASCOM and its subordinate area support groups by providing specialized assistance in the field of counterintelligence.

(2) Commands, controls, and supervises operational, administrative, and logistic functions of subordinate elements.

(3) Conducts unified planning of operations against the hostile clandestine threat whose activities transcend area support group boundaries to achieve maximum security for Army units within TASCOT and to achieve maximum neutralization of hostile espionage activities.

(4) Exercises centralized control and management of special operations in the areas of counterespionage, countersabotage, and countersubversion within TASCOT.

(5) Supervises the operation of a centralized records facility on personnel of intelligence interest for TASCOT and other elements of theater army.

(6) Exercises technical direction and supervision over centralized group intelligence operations.

(7) Provides liaison with parallel U.S., host government, and allied nations' intelligence and police activities.

(8) Exercises control of security investigations to include personnel security investigations and complaint-type investigations.

(9) Supervises and coordinates security services to include counterintelligence surveys and inspections, security education and training programs, and technical surveys and inspections.

(10) Provides intelligence security support for Army nuclear weapon systems and facilities.

(11) Coordinates the allocation of personnel resources based on ASCOM priorities, functional requirements, and disposition of Army units and hostile elements.

b. Levels 2 and 3 adapt this TOE for reduced operational capabilities. The distribution of Army personnel and facilities will not be uniform with-

in TASCOT because the magnitude of the hostile threat will vary geographically, which will necessitate personnel adjustments to accomplish the mission.

c. This unit depends on—

(1) Other units for medical and religious facilities.

(2) The personnel and administration battalion, ASCOM, for the production of reports and the maintenance of records.

(3) Signal units of the area communication system for trunking circuits and carrier termination facilities for integrating this unit into the area communication system.

d. This unit is not adaptable to a type B organization.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. The strength of this unit varies, depending on the number of military intelligence companies, counterintelligence (TOE 30-67), used.

Basis of allocation. One per ASCOM.

Category. II.

Mobility. For mobility of the components of this group, see applicable TOE extracts.

Components. a. One HHC (TOE 30-66G).

b. Variable number of military intelligence companies, counterintelligence (TOE 30-67G).

c. One military intelligence detachment, central records facility (TOE 30-68G).

Remarks. FPTOE 30-60G approved by ACSFOR, DA, 14 November 1968, for publication and distribution.

30-66G (FPTOE) HHC, MI Gp, Ci (ASCOM)

Mission. To provide command and control for assigned and attached military intelligence units.

Assignment. Organic to military intelligence group, counterintelligence (ASCOM) (TOE 30-60).

Capabilities. a. At level 1, this unit—

(1) Controls all Army personnel security investigations, complaint-type investigations, and the assignment of leads to subordinate detachments, military intelligence group, field army, theater army, and CONUS, as appropriate.

(2) Processes special operations to include planning and conduct of counterespionage, countersabotage, and countersubversion through subordinate military intelligence companies.

(3) Processes security services to include counterintelligence surveys and inspections, security education and training programs, and technical surveys and inspections.

(4) Conducts liaison with parallel U.S., host government, and allied nations' intelligence and police activities.

(5) Procures, issues, and maintains classified equipment and supplies peculiar to intelligence operations for theater army intelligence units (to include field army intelligence units).

(6) Allocates personnel resources based on ASCOM priorities, functional requirements, and disposition of Army units and hostile elements.

(7) Exercises technical direction and supervision over centralized group intelligence operations.

b. Levels 2 and 3 adapt this TOE for reduced operational capabilities. The distribution of Army personnel and facilities will not be uniform within TASCOT because the magnitude of the hostile threat will vary geographically, which will necessitate personnel adjustments to accomplish the mission.

c. This unit depends on—

(1) Other units for medical and religious facilities.

(2) The personnel and administration battalion, ASCOM, for the production of reports, the maintenance of records, and additional personnel and administrative service support.

(3) Signal units of the area communication system for trunking circuits and carrier termination facilities for integrating this unit into the area communication system.

d. This unit is not adaptable to a type B organization.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 42 WO 16
EM 157 Aggr 215

b. Level 2: Off 42 WO 16
EM 138 Aggr 196

c. Level 3: Off 42 WO 16
EM 112 Aggr 170

Basis of allocation. One per military intelligence group, counterintelligence (ASCOM) (TOE 30-60).

Category. II.

Mobility. Thirty-five-percent mobile in organic vehicles. When the unit displaces, additional general-purpose transportation is required.

Remarks. FPTOE 30-66G approved by ACSFOR, DA, 14 November 1968, for publication and distribution.

30-67G (FPTOE) MI Co, Ci, MI Gp, Ci (ASCOM)

Mission. To conduct operations that will enhance personnel and installation security of, and reduce the hostile clandestine threat to, U.S. personnel and facilities in the TASCOT area.

Assignment. Organic to military intelligence group, counterintelligence (ASCOM) (TOE 30-60).

Capabilities. a. At level 1, this unit—

(1) Conducts security investigations to include personnel security and complaint-type investigations.

(2) Conducts security services to include counterintelligence surveys and inspections, security education and training programs, and technical surveys and inspections.

(3) Conducts special operations to include counterespionage, countersabotage, and counter-subversion.

(4) Processes requests for clearance of indigenous labor force personnel.

(5) Assists in the screening of indigenous personnel for intelligence operational leads and for suspected guerrillas.

b. Levels 2 and 3 adapt this TOE for reduced operational capabilities. The distribution of Army personnel and facilities will not be uniform within TASCOT because the magnitude of the hostile threat will vary geographically, which will necessitate personnel adjustments to accomplish the mission.

c. This unit is not adaptable to a type B organization.

d. Maintenance support for the company HQ elements must be provided by the nearest Army unit or local direct support maintenance unit.

e. Mess support is required for approximately 40 personnel of the company HQ elements.

f. Fifteen personnel of the field office will mess with the nearest Army unit that can provide the support. Maintenance support for five vehicles of the field office will be required of the nearest Army unit or local direct support maintenance unit.

g. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 19 WO 14
EM 96 Aggr 129
b. Level 2: Off 19 WO 14
EM 76 Aggr 109
c. Level 3: Off 19 WO 14
EM 63 Aggr 96

Basis of allocation. One per area support group.

Category. II.

Mobility. Seventy-percent mobile in organic vehicles. When the unit displaces, additional general-purpose transportation is required for 16 tons of supplies and equipment and 25 personnel; 1,860 cubic feet of supplies and equipment cannot be moved in organic vehicles.

Remarks. FPTOE 30-67G approved by ACSFOR, DA, 14 November 1968, for publication and distribution.

30-68G (FPTOE) MID, Central Rec Fac, MI Gp, Ci (ASCOM)

Mission. To establish and maintain a central records facility on personnel of intelligence interest (exclusive of tactical intelligence information, e.g., order of battle) for theater army intelligence units.

Assignment. Organic to military intelligence group, counterintelligence (ASCOM) (TOE 30-60).

Capabilities. a. At level 1, this unit—

(1) Receives, screens, extracts, and files personnel data and operational reports from within the group and other intelligence units of theater army.

(2) Maintains a central index and a personnel dossier file.

(3) Opens new individual personality dossiers and updates existing dossiers, as required.

(4) Conducts file searches and provides operational data in support of area intelligence counterespionage, countersabotage, and counter-subversion operations of the group and other intelligence agencies.

(5) Maintains operational files for the HQ, military intelligence group, counterintelligence (ASCOM).

b. At levels 2 and 3, a smaller number of file searches may be accomplished, and the operational support provided other intelligence units will be decreased.

c. This unit is not adaptable to a type B organization.

d. This TOE reflects the minimum number of

personnel and equipment to support a theater of operations where the allies have an effective intelligence effort. The actual size of the unit may need to be increased significantly (as much as a ratio of 3 to 1) from authorized strength, depending on the intelligence assistance provided by the allies, the magnitude of the hostile threat, the assigned geographical area of responsibility, and the accumulation of records and files resulting from sustained operations.

e. This unit must be collocated with the HHC, military intelligence group, counterintelligence (ASCOM), since it relies on its parent organization for administration and logistic support to include message center operations, transportation, mess, personnel administration, vehicle maintenance, and communications.

f. Electrical power equipment is not authorized in basic allowances, and power is normally obtained from a central source. When a central source is not available, power will be supplied by the HHC, military intelligence group, counterintelligence (ASCOM).

g. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. *a.* Level 1: Off 5 WO 3
EM 39 Aggr 47
b. Level 2: Off 5 WO 3
EM 34 Aggr 42
c. Level 3: Off 5 WO3
EM 30 Aggr 38

Basis of allocation. One per military intelligence group, counterintelligence (ASCOM) (TOE 30-60).

Category. II.

Mobility. When the unit displaces, additional general-purpose transportation is required for 10 tons of supplies and equipment and 41 personnel.

Remarks. FPTOE 30-68G approved by ACSFOR, DA, 14 November 1968, for publication and distribution.

30-600G MI Org

Mission. *a.* To perform specialized intelligence activities in support of a theater of operations to include research and analysis of information relating to the development of strategic intelligence, the employment of specialized skills, and the utilization of a foreign language.

b. To provide command, administrative control, and operational supervision for organic and attached elements.

Assignment. *a.* To theater army, COMMZ, and army group, as required. Normal assignment will be a group to theater army HQ, a battalion to COMMZ HQ, and a battalion to army group HQ.

b. Companies will be assigned to groups and battalions.

c. Platoon teams will be assigned to companies.

d. Any of these elements may be assigned or attached to a higher HQ than specified above in lieu of the next higher military intelligence element.

Capabilities. *a.* The capabilities of units organized under this TOE will vary with the size and groupings of teams. Individual team capabilities are as indicated in the detailed breakdown of teams below.

b. These units require the addition of teams from TOE 29-500 and TOE 29-600 for mess and automotive maintenance and teams from TOE 11-500 for signal support. The basis of computation of teams required will be the number of personnel to be messaged, the number of vehicles, and necessary signal support.

c. This TOE may be used to provide augmentation for those units organized under TOE 30-25 and TOE 30-500 (CONFIDENTIAL), and for other Army units, as required.

d. This unit is not adaptable to levels 2 and 3 or to a type B organization.

e. WAC personnel may be used to fill authorized positions in the unit when WAC are authorized in the area of assignment.

f. Personnel may be parachute-qualified when a team is assigned, attached, or designated for assignment or attachment to an airborne force, special action force, or joint unconventional warfare task force, when authorized by DA.

g. Individuals of this organization can engage in effective, coordinated defense of their area or installation.

Strength. See individual teams below for strengths.

Basis of allocation. Allocations are as indicated in the detailed breakdown of teams below. A special allocation of teams may be required for other than normal situations. Allocations for one-man teams are to provide additional individuals in appropriate grades to various composite teams of an existing unit, as required. The grade structure of the one-man teams may vary from those listed, depending on the specific needs of the unit; however, grades must be selected in accordance with

the standards of grade authorization in AR 611-101 and AR 611-201.

Category. II.

Mobility. The degree of mobility must be computed for each combination of teams or composite unit.

**Detailed Breakdown of Teams
Headquarters and Administrative Teams
Teams AA—AE**

Team AA, platoon headquarters

Capabilities. Provides administrative control and operational supervision for from two to 10 military intelligence operational teams at army group, COMMZ, or higher level, as required; assists in coordination of logistic service and support of the assigned teams.

Strength. Off 1 EM 2 Aggr 3

Basis of allocation. As required for operational supervision of two to 10 military intelligence specialist teams organized at army group or COMMZ HQ with an aggregate strength of 20 or more personnel; as required for administrative control and operational supervision subordinate to team AC, AD, or AE.

Team AB, platoon headquarters

Capabilities. Provides administrative control and operational supervision for from eight to 15 military intelligence operational teams at army group, COMMZ, or higher level, as required; assists in coordination of logistic service and support of the assigned teams.

Strength. Off 1 EM 4 Aggr 5

Basis of allocation. As required for operational supervision of eight to 15 military intelligence specialist teams organized at army group, COMMZ, or higher HQ, with an aggregate strength of 40 or more personnel; as required for administrative control and operational supervision subordinate to team AC, AD, or AE.

Team AC, company headquarters

Capabilities. Provides administrative control and operational supervision for four or more teams AA, two or more teams AC, or any combination thereof at army group, COMMZ, theater army, or higher level, as required; coordinates logistic service and support of the assigned teams.

Strength. Off 1 EM 5 Aggr 6

Basis of allocation. As required for operational supervision of teams AA and/or AB organized at army group, COMMZ, theater army, or higher HQ, with an aggregate strength of 75 or more personnel; as required for administrative control

and operational supervision subordinate to team AD or AE with an aggregate strength of 75 or more personnel; one per four or more teams AA, two or more teams AB, or any combination thereof with an aggregate strength of 75 or more personnel.

Team AD, battalion headquarters

Capabilities. Commands two or more military intelligence companies; provides internal security for battalion HQ; provides limited procurement and distribution of nonstandard items of equipment and supplies for operational elements of the battalion; provides operational coordination, guidance, and supervision for operational teams assigned or attached to the battalion HQ for specific purposes.

Strength. Off 11 WO 3 EM 23 Aggr 37

Basis of allocation. As required for operational supervision of military intelligence companies organized at major HQ above field army; as required for administrative control and operational supervision subordinate to team AE; one per two or more teams AC.

Team AE, group headquarters

Capabilities. Commands two or more military intelligence battalions; provides guidance for military intelligence teams assigned or attached to group HQ; advises the commander on planning for the employment and utilization of military intelligence specialists throughout the theater; develops and implements the internal security program for the group; provides limited logistic service and support for the organic battalions.

Strength. Off 14 WO 3 EM 31 Aggr 48

Basis of allocation. As required for operational supervision of military intelligence battalions organized at major headquarters above field army; one per two or more teams AD, as required.

Operational Teams

Teams FA—FF, GA—GF, HA—HF, and IA

Team FA, interrogation

Capabilities. Interrogates prisoners of war, guerrillas, and interned enemy civilians in their native language at army group, COMMZ, or higher level; screens prisoners for detailed interrogation; provides operational supervision for teams FE and FF or a combination thereof.

Strength. Off 1 EM 2 Aggr 3

Basis of allocation. One or more per team AA or AB, as required; one per 30 prisoners, guerrillas, or interned enemy civilians (or major frac-

tion thereof) processes during a 24-hour period or held at an interrogation center at army group, COMMZ, or higher level.

Team FB, interrogation

Capabilities. Interrogates prisoners of war, guerrillas, and interned civilians in their native language at army group, COMMZ, or higher level; coordinates with military intelligence personnel in screening prisoners and selected civilian internees for detailed interrogation and/or investigation; provides operational supervision for two or three teams FA plus a combination of teams FE and FF, as required.

Strength. Off 1 EM 1 Aggr 2

Basis of allocation. One or more per military intelligence company, as required; one per 20 prisoners, guerrillas, or interned enemy civilians (or major fraction thereof) processed during a 24-hour period or held at an interrogation center at army group, COMMZ, or higher level, one per two or three teams FA.

Team FB, interrogation

Capabilities. Interrogates prisoners of war, guerrillas, and interned enemy civilians in their native language at army group, COMMZ, or higher level; provides recommendations to the supported command on the development of interrogation procedures and techniques; provides operational supervision for two teams FB, from four to six teams FA, plus a combination of teams FE and FF, as required.

Strength. Off 1 EM 2 Aggr 3

Basis of allocation. One or more per military intelligence battalion, as required; one per 20 prisoners, guerrillas, or interned enemy civilians (or major fraction thereof) processes during a 24-hour period or held at an interrogation center at army group, COMMZ, or higher level; one per two teams FB and four to six teams FA.

Team FD, interrogation

Capabilities. Interrogates prisoners of war and interned civilians in their native language at army group, COMMZ, or higher level; provides recommendations to the supported command on the development of interrogation procedures and techniques; provides operational supervision for two teams FC, four teams FB, from eight to 12 teams FA, plus a combination of teams FE.

Strength. Off 1 EM 2 Aggr 3

Basis of allocation. One or more per military intelligence group, as required; one per 30 prisoners or interned enemy civilians (or major fraction thereof) processed during a 24-hour period or

held at a joint interrogation center, theater level, or an interrogation center at army group, COMMZ, or higher level; one per two teams FC, four teams FB, and eight to 12 teams FA.

Team FE, interrogation

Capabilities. Interrogates prisoners of war and interned enemy civilians in their native language.

Strength. EM 1

Basis of allocation. Provides additional interrogators for teams FA, FB, FC, and FD or combinations thereof, as required. Specific grade, which may vary, must be predicated on the size of unit and team or teams to be augmented; grade structure must be in accordance with AR 611-201.

Team FF, interrogation

Capabilities. Interrogates prisoners of war and interned enemy civilians in their native language.

Strength. Off 1

Basis of allocation. Provides additional officer interrogators for teams FA, FB, FC, and FD or combinations thereof, as required. Specific grade, which may vary, must be predicated on the size of the unit and team or teams to be augmented; grade structure must be in accordance with AR 611-101.

Team GA, interpreter

Capabilities. Interprets for commanders and their staff while conducting official matters with allied or neutral nationals; interprets military orders; reads foreign maps and prints; and assists in the interview of friendly or neutral civilians at army group, COMMZ, or higher level. Augments the intelligence staff of the supported command when not used as interpreters; assists translator teams organized under this TOE when directed by the supported command. Provides operational supervision for teams GE and GF or a combination thereof.

Strength. Off 1 EM 3 Aggr 4

Basis of allocation. One or more per team AA or AB, as required; one or more per army group, COMMZ, or higher HQ, as required.

Team GB, interpreter

Capabilities. Interprets for commanders and their staff while conducting official matters with allied or neutral nationals; interprets military orders; reads foreign maps and prints; and assists in the interview of friendly or neutral civilians at COMMZ, army group, or higher level; augments the intelligence staff of the supported command when not used as interpreters; provides opera-

tional supervision for two or three teams GA plus a combination of teams GE and GF, as required.

Strength. Off 1 EM 1 Aggr 2

Basis of allocation. One or more per military intelligence company, as required; one per two or three teams GA.

Team GC, interpreter

Capabilities. Interprets for commanders and their staff or authorized civilians of a friendly or neutral nation; interprets military directives and assists in the interview of friendly or neutral civilians at army group, COMMZ, or higher level; provides operational supervision for two teams GB, from four to six teams GA, plus a combination of teams GE and GF, as required.

Strength. Off 1 EM 1 Aggr 2

Basis of allocation. One or more military intelligence battalion, as required; one per two teams GB and four teams GA.

Team GD, interpreter

Capabilities. Interprets for commanders and their staff or authorized civilians of a friendly or neutral nation; interprets military directives and assists in the interview of friendly or neutral civilians at army group, COMMZ, or higher level; provides operational supervision for two teams GC, four teams GB, from eight to 12 teams GA, plus a combination of teams GE and GF, as required.

Strength. Off 1 EM 1 Aggr 2

Basis of allocation. One or more per military intelligence group, as required; one per two teams GC, four teams GB, and eight to 12 teams GA.

Team GE, interpreter

Capabilities. Interprets for commanders and their staff while conducting official matters with allied or neutral nationals; interprets military orders; reads foreign maps and prints; and assists in the interview of friendly or neutral civilians at theater, theater army, army group, or COMMZ level.

Strength. EM 1

Basis of allocation. Provides additional enlisted interpreter assistance for teams GA, GB, GC, and GD or combinations thereof, as required. Specific grade, which may vary, must be predicated on the size of the unit and team or teams to be augmented; grade structure must be in accordance with AR 611-201.

Team GF, interpreter

Capabilities. Interprets for commanders and their staff while conducting official matters with allied or neutral nationals; interprets military or-

ders; reads foreign maps and prints; and assists in the interview of friendly or neutral civilians at theater, theater army, army group, or COMMZ level.

Strength. Off 1

Basis of allocation. Provides additional officer interpreter assistance for teams GA, GB, GC, and GD or combinations thereof, as required. Specific grade, which may vary, must be predicated on the size of the unit and team or teams to be augmented; grade structure must be in accordance with AR 611-101.

Team HA, translator

Capabilities. Scans, translates, and recommends category of enemy documents; prepares typed extracts or full translation reports at army group, COMMZ, or higher level. Reproduces and disseminates translation reports to authorized agencies or units. Coordinates with order of battle and imagery interpreter specialists, as required. Provides operational supervision for teams HE and HF or a combination thereof.

Strength. Off 1 EM 3 Aggr 4

Basis of allocation. One or more per team AA or AB, as required; one or more per army group, COMMZ, or higher HQ, as required.

Team HB, translator

Capabilities. Scans, translates, and recommends category of documents; prepares typed extracts or full translation reports of intelligence value at COMMZ, army group, or higher level. Reproduces and disseminates translation reports to authorized agencies or units. Coordinates with order of battle and imagery interpreter specialists, as required. Provides operational supervision for two or three teams HA plus a combination of teams HE and HF, as required.

Strength. Off 1 EM 1 Aggr 2

Basis of allocation. One or more per military intelligence company, as required; one or more per COMMZ, army group, or higher HQ, as required; one per two or three teams HA.

Team HC, translator

Capabilities. Scans, translates, and analyzes foreign language documents for information of intelligence value at army group, COMMZ, or higher level; determines classification and category of enemy documents; establishes priority for translation of documents. Coordinates with order of battle and imagery interpreter elements of supported organization on matters related to foreign maps, prints, orders, and other enemy or foreign documents. Provides operational supervision for

two teams HB, from four to six teams HA, plus a combination of teams HE and HF, as required.

Strength. Off 1 EM 1 Aggr 2

Basis of allocation. One or more per military intelligence battalion, as required; one or more per army group, COMMZ, or higher HQ, as required; one per two teams HB and four to six teams HA.

Team HD, translator

Capabilities. Scans, translates, and analyzes foreign language documents for information of intelligence value at army group, COMMZ, or higher level; determines classification and category of enemy documents; establishes priority for translation of documents. Coordinates with order of battle and imagery interpreter elements of supported organization on matters related to foreign maps, prints, orders, and other enemy or foreign documents. Prepares special translation reports required in truce negotiations and other types of conferences involving the written language of the enemy. Provides operational supervision for two teams HC, four teams HB, from eight to 12 teams HA, plus a combination of teams HE and HF, as required.

Strength. Off 1 EM 1 Aggr 2

Basis of allocation. One or more per military intelligence group, as required; one or more per army group, COMMZ, or higher HQ, as required; one per two teams HC, four teams HB, and eight to 12 teams HA.

Team HE, translator

Capabilities. Translates enemy foreign language documents.

Strength. EM 1

Basis of allocation. Provides additional enlisted translator for teams HA, HB, HC, and HD or combinations thereof, as required. Specific grade, which may vary, is predicated on the size of the unit and team or teams to be augmented; grade structure must be in accordance with AR 611-201.

Team HF, translator

Capabilities. Scans and translates enemy documents for information of intelligence value.

Strength. Off 1

Basis of allocation. Provides additional officer translator for teams HA, HB, HC, and HD or combinations thereof, as required. Specific grade, which may vary, must be predicated on the size of the unit and team or teams to be augmented; grade structure must be in accordance with AR 611-101.

Team IA, microphone—recording

Capabilities. Installs microphones and operates recording devices in enclosures or structures; monitors equipment installed in enclosures or designated structures; provides technical and operational interrogation assistance to teams FA, FB, FC, and FD or combinations thereof operating at theater and theater army levels.

Strength. EM 3

Basis of allocation. One or more per team AA or AB, as required; one per teams FA, FB, FC, and FD or combinations thereof, as required. One per theater and theater army HQ, as required.

Operational Teams

**Teams JA—JF, KA, LA—LP, MA—MC,
NA—NK, and OA—OG**

Team JA, order of battle

Capabilities. Analyzes, compiles, researches, and develops order of battle intelligence at army group, COMMZ, or higher level; maintains current files containing order of battle information; prepares material for the order of battle book and order of battle handbook. Provides information to the supported command on the enemy situation at each of the field army fronts within the theater. Provides operational supervision for teams JE and JF or a combination thereof.

Strength. Off 1 EM 3 Aggr 4

Basis of allocation. One or more per team AA or AB, as required; one or more per army group, COMMZ, or higher HQ, as required.

Team JB, order of battle

Capabilities. Produces and distributes order of battle information on enemy forces at COMMZ, army group, or higher level; maintains current files containing enemy order of battle information; compiles order of battle information; and advises supported command of enemy situation at each field army front. Contributes information for the order of battle portion of theater estimates on the enemy situation and capabilities; prepares special studies for theater and DA, as required. Provides operational supervision for two or three teams JA plus a combination of teams JE and JF, as required.

Strength. Off 1 EM 1 Aggr 2

Basis of allocation. One or more per military intelligence company, as required; one or more per army group, COMMZ, or higher HQ, as required; one per two or three teams JA.

Team JC, order of battle

Capabilities. Produces and distributes order of battle information on enemy forces at army group, COMMZ, or higher level; maintains current files on enemy unit identification, disposition, personalities, combat effectiveness, and history; prepares order of battle portion of theater estimates and produces enemy vulnerability studies. Presents briefings on order of battle material. Provides operational supervision for two teams JB, from four to six teams JA, plus a combination of teams JE and JF, as required.

Strength. Off 1 EM 1 Aggr 2

Basis of allocation. One or more per military intelligence battalion, as required; one or more per army group, COMMZ, or higher HQ, as required; one per two teams JB and four to six teams JA.

Team JD, order of battle

Capabilities. Produces and distributes order of battle information on enemy forces at army group, COMMZ, or higher level; maintains current files on enemy unit identification, disposition, personalities, combat effectiveness, and history; prepares order of battle portion of theater estimates and produces enemy vulnerability studies. Presents briefings on order of battle material. Provides operational supervision for two teams JC, four teams JB, from eight to 12 teams JA, and a combination of teams JE and JF, as required.

Strength. Off 1 EM 2 Aggr 3

Basis of allocation. One or more per military intelligence group, as required; one or more per army group, COMMZ, or higher HQ, as required; one per two teams JC, four teams JB, and eight to 12 teams JA.

Team JE, order of battle

Capabilities. Assists in the production and maintenance of accurate files on order of battle information on enemy forces; prepares order of battle extracts, summaries, and reports in final form. Assists in the preparation of order of battle reference files for subordinate units.

Strength. EM 1

Basis of allocation. Provides additional enlisted order of battle specialist for teams JA, JB, JC, and JD or any combination thereof, as required. Specific grade, which may vary, must be predicated on the size of the unit and teams or teams to be augmented; grade structure must be in accordance with AR 611-201.

Team JF, order of battle

Capabilities. Assists in the production of order of battle intelligence on enemy forces; assists in the preparation of order of battle reference files for subordinate units.

Strength. Off 1

Basis of allocation. Provides an additional order of battle officer for teams JA, JB, JC, and JD or any combination thereof, as required. Specific grade, which may vary, must be predicated on the size of the unit and team or teams to be augmented; grade structure must be in accordance with AR 611-101.

Team KA, editorial

Capabilities. Prepares and edits intelligence reports for operational elements of military intelligence units, as required; prepares reports for the supported command; assists in coding reports for filing in storage facilities of the supported command.

Strength. Off 1 EM 2 Aggr 3

Basis of allocation. One per team AA or AB; one per military intelligence company; from one to three per military intelligence battalion; one or more per higher military intelligence command, as required; one or more per major HQ, as required.

Team LA, technical intelligence (coordination)

Capabilities. Provides the supported command with recommendations pertaining to the production and dissemination of technical information and intelligence; coordinates and supervises technical intelligence teams pertaining to location, identification, evaluation, and collection of enemy technical intelligence or information. Assists in the preparation of technical intelligence plans, wanted lists, and target lists for the supported command.

Strength. Off 2 EM 3 Aggr 5

Basis of allocation. One or more military intelligence company, battalion, or group, as required; one or more per major HQ, as required.

Team LB, technical intelligence (transportation) (collection)

Capabilities. Collects and reports technical information and intelligence concerning physical characteristics, resources, organization, operation, critical features, and traffic of foreign transportation systems, facilities, and operations to include routes, materiel (except automobiles, trucks, materials-handling equipment, and pipeline materiel), logistics, and operating installations. May be used to provide a technical intelligence collection capability within the field army.

Strength. Off 2 EM 10 Aggr 12

Basis of allocation. One or more, as required, per military intelligence detachment, company, battalion, or group.

Team LC, technical intelligence (transportation) (research)

Capabilities. Collects, evaluates, classifies, and reports on enemy transportation materiel; prepares and disseminates technical intelligence concerning the physical characteristics, critical features, resources, condition, organization, operation, performance, and capabilities of foreign transportation systems; prepares and maintains appropriate records and files; provides teams for examination and evaluation of materiel in the forward areas; participates in the interrogation of prisoners of war and evaluates information derived therefrom. May be used to provide a technical intelligence collection capability within the field army.

Strength. Off 4 EM 10 Aggr 14

Basis of allocation. One or more, as required, per military intelligence detachment, company, battalion, or group.

Team LD, technical intelligence (transportation)

Capabilities. Collects, processes, and disseminates technical information and intelligence concerning organization, operation, and traffic of foreign transportation systems, facilities, and operations to include routes, materiel (except automobiles, trucks, materials-handling equipment, and pipeline materiel), logistics, and operating installations for transportation intelligence and logistic planning purposes; selects, processes, and expedites the flow of foreign transportation materiel for intelligence purposes. May be used to provide a technical intelligence collection capability within the field army.

Strength. Off 1 EM 2 Aggr 3

Basis of allocation. Provides additional technical intelligence specialists for teams LB and/or LC, as required; or one or more, as required, per military intelligence detachment, company, battalion, or group when larger teams are not required.

Team LE, technical intelligence (signal, collection and evaluation)

Capabilities. Collects, identifies, and prepares technical intelligence reports on foreign communications-electronics equipment; performs limited technical analysis and evaluation of enemy communications-electronics equipment and makes appropriate recommendations; supervises storage and shipment of collected equipment to higher HQ, as required. May be used to provide a techni-

cal intelligence collection capability within the field army.

Strength. Off 1 WO 1 EM 3 Aggr 5

Basis of allocation. One or more, as required, per military intelligence detachment, company, battalion, or group.

Team LF, technical intelligence (signal, collection and evaluation)

Capabilities. Collects identified and prepares technical intelligence reports on foreign communications-electronics equipment; performs limited technical analysis and evaluation of enemy communications-electronics equipment and makes appropriate recommendations; supervises storage and shipment of collected equipment to higher HQ, as required. May be used to provide a technical intelligence capability within the field army.

Strength. Off 2 EM 7 Aggr 9

Basis of allocation. One or more, as required, per military intelligence detachment, company, battalion, or group.

Team LG, technical intelligence (signal, collection and evaluation)

Capabilities. Collects, identifies, and prepares technical intelligence reports on foreign communications-electronics equipment; performs limited technical analysis and evaluation of enemy communications-electronics equipment and makes appropriate recommendations; supervises storage and shipment of collected equipment to higher HQ, as required. May be used to provide technical intelligence collection within the field army.

Strength. Off 3 WO 1 EM 13 Aggr 17

Basis of allocation. One or more, as required, per military intelligence detachment, company, battalion, or group.

Team LH, technical intelligence (engineer)

Capabilities. Collects, evaluates, and reports engineer technical intelligence concerning foreign engineer materiel (equipment), construction, organization, training, tactics, techniques, installations, fortifications, and research and development; prepares illustrations, training aids, and instruction in the use of, or in countering, enemy materiel. May be used to provide a technical intelligence collection capability within the field army.

Strength. Off 4 WO 2 EM 10 Aggr 16

Basis of allocation. One or more, as required, per military intelligence detachment, company, battalion, or group.

Team LI, technical intelligence (engineer)

Capabilities. Collects evaluates, and reports engineer technical intelligence concerning foreign engineer materiel (equipment), construction, or-

ganization, training, tactics, techniques, installations, fortifications, and research and development; prepares illustrations, training aids, and instruction in the use of, or in countering, enemy materiel. May be used to provide a technical intelligence collection capability within the field army.

Strength. Off 3 WO 2 EM 5 Aggr 10

Basis of allocation. One or more, as required, per military intelligence detachment, company, battalion, or group.

Team LJ, technical intelligence (engineer)

Capabilities. Collects, evaluates, and reports engineer technical intelligence concerning foreign engineer materiel (equipment), construction, organization, training, tactics, techniques, installations, fortifications, and research and development; prepares illustrations, training aids, and instruction in the use of, or in countering, enemy materiel. May be used to provide a technical intelligence collection capability within the field army.

Strength. Off 2 WO 1 EM 4 Aggr 7

Basis of allocation. One or more, as required, per military intelligence detachment, company, battalion, or group.

Team LK, technical intelligence (chemical, biological, and radiological) (collection)

Capabilities. Identifies or collects samples of unidentifiable CBR agents located in contaminated areas for forwarding to appropriate laboratory; submits preliminary reports on captured enemy CBR materiel, personnel, documents, and installations; prepares items of technical intelligence value for evacuation to a CBR technical intelligence evaluation team. May be used to provide a technical intelligence collection capability within the field army.

Strength. Off 1 EM 4 Aggr 5

Basis of allocation. One or more, as required, per military intelligence detachment, company, battalion, or group.

Team LL, technical intelligence (chemical, biological, and radiological)

Capabilities. Provides technical evaluation of captured enemy CBR equipment, personnel, and documents; prepares reports and supervises the evaluation of technically significant captured enemy materiel; assists in location and identification of enemy CBR installations; prepares instructions for friendly troops in the handling, operation, and maintenance of captured enemy materiel.

Strength. Off 3 EM 7 Aggr 10

Basis of allocation. One or more, as required, per military intelligence company, battalion, or group.

Team LM, technical intelligence (quartermaster)

Capabilities. Provides examination, evaluation, and classification of enemy captured quartermaster materiel; prepares and disseminates technical intelligence reports, summaries, and analyses; supervises storage and shipment of collected equipment to higher HQ, as required.

Strength. Off 3 EM 6 Aggr 9

Basis of allocation. One or more, as required, per military intelligence company, battalion, or group.

Team LN, technical intelligence (ordnance)

Capabilities. Provides collection, evaluation, and reports on captured foreign ordnance materiel for dissemination of data and information to the proper agencies for further evaluation, interpretation, and other action. Provides technical information to immediate commander and higher HQ. May be used to provide a technical intelligence collection capability within the field army.

Strength. Off 2 EM 5 Aggr 7

Basis of allocation. One or more, as required, per military intelligence detachment, company, battalion, or group.

Team LO, technical intelligence (ordnance)

Capabilities. Provides a control center for receipt of technical intelligence reports and accomplishes the evaluation and dissemination of intelligence derived therefrom. Maintains liaison with comparable organizations of other Services.

Strength. Off 3 EM 8 Aggr 11

Basis of allocation. One or more, as required, per military intelligence company, battalion, or group.

Team LP, technical intelligence (medical)

Capabilities. Provides collection, examination, classification, and dissemination of information concerning foreign health problems and the organization, training, techniques, facilities, and materiel of foreign medical services; assists in the interrogation of prisoners of war, refugees, and friendly escapees for medical information and produces and disseminates medical intelligence; disseminates foreign medical information, as required; arranges evacuation of captured foreign medical materiel for analysis or exploitation. May be used to provide a technical intelligence collection capability within the field army.

Strength. Off 3 EM 9 Aggr 12

Basis of allocation. One or more, as required, per military intelligence detachment, company, battalion, or group.

Team MA, strategic intelligence (research and analysis)

Capabilities. Assembles, conducts research, and performs analysis of information in the field of strategic intelligence; reports conclusions on capabilities and vulnerabilities of foreign nations; prepares reports and studies used by the military.

Strength. Off 3 EM 4 Aggr 7

Basis of allocation. One or more per allied HQ, as required; one or more per theater army HQ, as required.

Team MB, strategic intelligence (research and analysis)

Capabilities. Assembles, conducts research, and performs analysis of information in the field of strategic intelligence; reports conclusions on enemy capabilities.

Strength. Off 3 EM 4 Aggr 7

Basis of allocation. One or more, as required by DA; one or more per allied HQ, as required; one or more per theater army HQ, as required.

Team MC, strategic intelligence (research and analysis)

Capabilities. Assembles, conducts research, and performs analysis of information in the field of strategic intelligence; reports conclusions on enemy capabilities; prepares intelligence reports and studies; assists in the processing of information into intelligence.

Strength. Off 3 EM 3 Aggr 6

Basis of allocation. Provides additional research and analysis personnel for teams MA and MB; one or more per army group HQ, as required; one or more per COMMZ HQ, as required; one or more per allied HQ of similar command level, as required.

Team NA, imagery interpretation

Capabilities. Coordinates with the G2 air on aerial imagery coverage; assists in the compilation of material used in the development and maintenance of informal photointerpretation keys; provides operational supervision for teams NH and NI or a combination thereof.

Strength. WO 1 EM 3 Aggr 4

Basis of allocation. One or more per team AA or AB, as required; one or more per army group, COMMZ, or higher HQ, as required.

Team NB, imagery interpretation

Capabilities. Coordinates with the G2 air at army group, COMMZ, or higher level on aerial imagery coverage; assists in the compilation of material used in the development and maintenance of informal photointerpretation keys; provides operational supervision for two or three teams

NA plus any combination of teams NH, NI, and NJ, as required.

Strength. Off 1 EM 1 Aggr 2

Basis of allocation. One or more per team AA or AB, as required; one or more per army group, COMMZ, or higher HQ, as required; one per two or three teams NA.

Team NC, imagery interpretation

Capabilities. Coordinates with the G2 air in planning aerial imagery coverage at army group, COMMZ, or higher level; assists in the compilation of material in the development and maintenance of informal photointerpretation keys; provides operational supervision for two teams NB, two or three teams NA, plus any combination of teams NH, NI, and NJ, as required.

Strength. Off 1 EM 1 Aggr 2

Basis of allocation. One or more per military intelligence company, as required; one or more per army group, COMMZ, or higher HQ, as required; one per two teams NB and four to six teams NA.

Team ND, imagery interpretation

Capabilities. In coordination with the G2 air, assists in planning aerial imagery coverage at army group, COMMZ, or higher level; assists in the compilation of material used in the development and maintenance of informal photointerpretation keys; establishes, directs, and coordinates imagery interpretation training in the supported HQ; assists in determining requirements for tactical air reconnaissance to support operations of the command; provides technical advice to the command and staff on imagery interpretation; provides operational supervision for two teams NC, four teams NB, from eight to 12 teams NA, plus any combination of teams NG, NH, NJ, and NK, as required.

Strength. Off 1 EM 2 Aggr 3

Basis of allocation. One or more per military intelligence battalion, as required; one or more per army group, COMMZ, or higher HQ, as required; one per two teams NC, four teams NB, and eight to 12 teams NA.

Team NE, imagery interpretation

Capabilities. Assists in planning aerial imagery coverage at army group, COMMZ, or higher level; provides direction, supervision, and coordination for imagery interpretation teams in the supported HQ; establishes, directs, and coordinates imagery interpretation training for the supported command; assists in determining requirements for tactical air reconnaissance to support operations of the command; provides technical ad-

vice to the commander and his staff on imagery interpretation; provides operational supervision for two teams ND, four teams NC, eight teams NB, from 16 to 24 teams NA, plus any combination of teams NG, NH, NI, NJ, and NK, as required.

Strength. Off 1 EM 2 Aggr 3

Basis of allocation. One or more per military intelligence group, as required; one or more per army group, COMMZ, or higher HQ, as required; one per two teams ND, four teams NC, eight teams NB, and 16 to 24 teams NA.

Team NF, imagery interpretation

Capabilities. Provides direction, supervision, and coordination for imagery interpretation teams at HQ higher than field army; establishes, directs, and coordinates imagery interpretation training for the supported HQ; directs and supervises imagery interpretation teams of the supported HQ in the production of strategic and tactical intelligence from photographs and images; prepares and implements the intelligence portion of target plans and special target programs of the supported command; assists in determining the requirements for tactical air reconnaissance to support operations of the command; provides technical advice to the commander and his staff on imagery interpretation; provides operational supervision for two teams NE, four teams ND, eight teams NC, 16 teams NB, from 32 to 48 teams NA, plus any combination of teams NG, NH, NI, NJ, and NK, as required.

Strength. Off 1 EM 2 Aggr 3

Basis of allocation. One or more per military intelligence group, as required; one or more per HQ above field army, as required; one per two teams NE, four teams NB, eight teams NC, 16 teams NB, and 32 to 48 teams NA.

Team NG, imagery interpretation editing

Capabilities. Edits draft reports received from team ND or higher, authorized under this TOE; prepares and compiles graphics and illustrations; assembles final reports for transmission to requesting agencies. Supervises one or more teams NK, as required.

Strength. Off 2 EM 6 Aggr 8

Basis of allocation. One or more per team ND, NE, or NF, as required; one or more per major HQ above field army, as required.

Team NH, imagery interpretation

Capabilities. Interprets aerial and ground imagery.

Strength. EM 1

Basis of allocation. Provides additional enlist-

ed interpreter assistance for team NA, NB, NC, ND, NE, or NF, as required. Specific grade, which may vary, must be predicated on the size of the unit and team or teams to be augmented; grade structure must be in accordance with AR 611-201.

Team NI, imagery interpretation

Capabilities. Performs and supervises interpretation and analysis of aerial and ground imagery; prepares imagery interpretation information for inclusion in intelligence reports.

Strength. WO 1

Basis of allocation. Provides additional imagery interpreter technician to team NA, NB, NC, ND, NE, or NF, as required. Specific grade, which may vary, must be predicated on the size of the unit and team or teams to be augmented; grade structure must be in accordance with AR 611-201.

Team NJ, imagery interpretation

Capabilities. Performs and supervises interpretation and analysis of aerial and ground imagery; prepares imagery interpretation information for inclusion in intelligence reports; supervises team NA in special situations, as required.

Strength. Off 1

Basis of allocation. Provides additional imagery interpreter officer for team NA, NB, NC, ND, NE, or NF, as required. Specific grade, which may vary, must be predicated on the size of the unit and team or teams to be augmented; grade structure must be in accordance with AR 611-101.

Team NK, imagery interpretation

Capabilities. Assists in editing imagery interpretation reports; assists in preparing graphics and illustrations; assists in assembling reports.

Strength. EM 2

Basis of allocation. One or more per team NG, as required.

Team OA, Armed Forces censorship (Army)

Capabilities. Provides Armed Forces censorship (Army), civil censorship, and prisoner of war censorship for 3,000 individuals or less.

Strength. Off 1 EM 2 Aggr 3

Basis of allocation. One or more per team AA or AB, as required; one per remote area having 3,000 individuals or less and not capable of being served effectively by a larger censorship organization.

Team OB, Armed Forces censorship (Army)

Capabilities. Provides Armed Forces cen-

sorship (Army), civil censorship, and prisoner of war censorship for 25,000 individuals or less.

Strength. Off 3 EM 7 Aggr 10

Basis of allocation. One or more per team AA or AB, as required; one per 25,000 individuals or major fraction thereof.

Team OC, Armed Forces censorship (Army)

Capabilities. Provides administrative control and operational supervision for from two to four teams OA or OB, or a combination thereof.

Strength. Off 1 EM 2 Aggr 3

Basis of allocation. One per two to four teams OA or OB or a combination thereof.

Team OD, Armed Forces censorship (Army)

Capabilities. Provides Armed Forces censorship (Army), civil censorship, and prisoner of war censorship for 100,000 individuals of friendly, neutral, or allied nations to include parcel post, telecommunications, and traveler control.

Strength. Off 5 EM 37 Aggr 42

Basis of allocation. One or more per military intelligence company, as required; one per 100,000 individuals or major fraction thereof.

Team OE, Armed Forces censorship (Army)

Capabilities. Provides administrative control and operational supervision for two teams OD when not operating as part of a military intelligence company and for two or three detachments when operating as a military intelligence company.

Strength. Off 4 EM 5 Aggr 9

Basis of allocation. One per two teams OD; one or more per military intelligence company, as required; one or more per area or command having from 200,000 to 500,000 individuals, as required.

Team OF, Armed Forces censorship (Army)

Capabilities. Performs Armed Forces censorship (Army) duties for sensitive or critical military operations; provides censorship for a major military HQ; provides administrative control and operational supervision for two teams OC.

Strength. Off 10 EM 8 Aggr 18

Basis of allocation. One or more per theater army, as required; one or more per allied HQ, as required; one or more per major HQ, as required; one per two teams OC.

Team OG, Armed Forces censorship (Army)

Capabilities. Provides censorship for major military HQ; provides chief, Armed Forces censor, when an Army officer is appointed theater censor by the theater commander; provides chief, Army area censor, when appointed by the senior Army commander; provides administrative control and operational supervision for two teams OF.

Strength. Off 18 EM 22 Aggr 40

Basis of allocation. One or more per major allied HQ, as required; one per two teams OF.



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CHAPTER 19

SPECIAL FORCES UNITS

31-105G Abn SF Gp

Mission. To plan for and to conduct unconventional warfare operations in designated areas.

Assignment. To the Army component of theater/unified commands and joint task forces.

Capabilities. To accomplish its mission, special forces can operate in any intensity of conflict and in any area specified for the conduct of unconventional warfare operations.

a. At level 1, this unit possesses specific capabilities—

(1) To command, control, and support assigned special forces operational detachments by establishing and operating an SFOB and, as required, up to four subordinate, alternate, or separate operational bases.

(2) To infiltrate specified areas by air, land, or sea.

(3) To develop, organize, equip, train, and direct indigenous forces in guerrilla warfare.

(4) To plan for, conduct, and/or support evasion and escape operations, as directed.

(5) To perform other military tasks or special missions, as directed.

(6) To provide Army special forces operational detachments or personnel to joint forces or other commands established for unconventional warfare or other special operations, as directed.

(7) To provide special forces staff advice and planning assistance to other theater and theater army elements, as required.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except chaplain and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 265 WO 40
EM 1,340 Aggr 1,645

b. Level 2: Off 265 WO 36
EM 1,183 Aggr 1,484

c. Level 3: Off 249 WO 31
EM 1,017 Aggr 1,297

Basis of allocation. One or more per theater/unified command, as required.

Category. For category designation of the components of this group, see applicable TOE extracts.

Mobility. For mobility of the components of this group, see applicable TOE extracts.

Components. a. One HHC (TOE 31-106G).

b. Four special forces companies (TOE 31-107G).

c. One signal company (TOE 11-247G).

d. One aviation company (TOE 1-307G).

31-106G HHC, Abn SF Gp

Mission. To command, control, and provide staff planning, administration, and logistic support for the special forces group.

Assignment. Organic to airborne special forces group (TOE 31-105).

Capabilities. a. At level 1, this unit—

(1) Provides command and staff personnel to establish and operate an SFOB.

(2) Provides command, control, staff planning, and combat service support for assigned and attached elements.

(3) Provides administration, mess, organizational maintenance, and motor transport support for group HQ.

(4) Provides staff and support elements to operational detachment C of each of the special forces companies to establish and operate up to four additional separate operational bases or subordinate control bases.

(5) Provides advice and coordinates the employment of special forces group elements with other HQ, including the theater HQ, responsible for unconventional warfare, MAAG's and missions, and the staffs of theater army and major subordinate HQ.

(6) Provides unit-level medical and dental service.

b. This unit is not adaptable to a type B organization.

c. Necessary truck transport will be provided by teams from TOE 55-540, which, when required, are authorized by MTOE.

d. CBR support will be provided, as required, by teams from TOE 3-500, which will be authorized by MTOE.

e. This unit depends on the signal company, airborne special forces group (TOE 11-247), for required communication support.

f. Military pay records and finance support will be provided by the finance service organization (TOE 14-500), which may be authorized by MTOE, as appropriate.

g. Positions requiring linguistic capabilities may be designated based on approved operational mission by DA or the theater commander. Linguistic personnel will be requisitioned in accordance with current directives.

h. Individuals of this organization, except chaplain and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 43 WO 5
EM 195 Aggr 243
b. Level 2: Off 43 WO 5
EM 170 Aggr 218
c. Level 3: Off 43 WO 5
EM 145 Aggr 193

Basis of allocation. One per airborne special forces group (TOE 31-105).

Category. II.

Mobility. Thirty-percent mobile in organic transportation; 100-percent air transportable.

31-107G SF Co, Abn SF Gp

Mission. To plan for and conduct unconventional warfare operations, as directed.

Assignment. Organic to airborne special forces group (TOE 31-105).

Capabilities. a. At level 1, this unit has the following capabilities:

(1) *Special forces company.* This unit possesses specific capabilities—

(a) To provide command, control, training, and administrative support for assigned operational detachments before their deployment.

(b) To deploy for the conduct of unconventional warfare operations and other military tasks or special missions, as directed.

(c) To provide operational detachments or personnel for deployment to conduct unconventional warfare operations and other military tasks or special missions, as directed.

(2) *Operational detachments.*

(a) *General.* Operational detachments of the special forces company possess specific capabilities—

1. To infiltrate specified areas by air, land, or sea.

2. To develop, organize, equip, train, and direct indigenous forces in the conduct of guerrilla warfare.

3. To plan for, conduct, and/or support evasion and escape operations, as directed.

4. To plan for, conduct, and/or support subversion operations, as directed.

5. To perform other military tasks or special missions, as directed, that may be uneconomical, impractical, or impossible for other U.S. forces to execute because of specific military or political circumstances existing in an area of operations.

(b) *Operational detachments C.* This detachment provides command and control of subordinate operational detachments and conducts unconventional warfare operations and other military tasks or special missions, as directed. When augmented by appropriate personnel and equipment from the HHC (TOE 31-106) and the signal company (TOE 11-247), or by MTOE (AR 310-31), establishes and operates a subordinate, alternate, or separate SFOB, as required.

(c) *Operational detachments B.* These three detachments conduct unconventional warfare operations and other military tasks or special missions, as directed, and provide command and control of subordinate operational detachments.

(d) *Operational detachments A.* These 12 detachments conduct unconventional warfare operations and other military tasks or special missions, as directed.

(3) *Administrative detachment.* This detachment provides administrative, mess, and supply support to the special forces company. It can deploy with operational detachment C as augmentation; however, it normally reverts to group control when all operational detachments are deployed.

b. This unit is not adaptable to a type B organization.

c. This unit can perform organizational maintenance on its organic equipment.

d. This unit depends on other organizations for truck transportation, when required.

e. Positions requiring linguistic capabilities may be designated based on approved operational mission by DA or the theater commander. Lin-

guistic personnel will be requisitioned in accordance with current directives.

f. Individuals of this organization, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 50 EM 200

Aggr 250

b. Level 2: Off 50 EM 176

Aggr 226

c. Level 3: Off 46 EM 150

Aggr 196

Basis of allocation. Four per airborne special forces group (TOE 31-105).

Category. I.

Mobility. Surface mobility depends on the capture or confiscation of vehicles or other transport, or on vehicle augmentation, where appropriate (no organic vehicles authorized); 100-percent air transportable.



CHAPTER 20

U.S. ARMY SECURITY AGENCY UNITS

32-52G HHC, ASA Gp

Basis of allocation. One per field army (TOE data classified; see FM 101-10-3).

32-56G HHC, ASA Bn

Basis of allocation. One per corps (TOE data classified; see FM 101-10-3).

32-57G ASA Div Spt Co

Basis of allocation. One per U.S. division (TOE data classified; see FM 101-10-3).

32-59G ASA Avn Co

Basis of allocation. Four per field army (TOE data classified; see FM 101-10-3).

32-67G ASA Op Co (A)

Basis of allocation. Two or more per field army (TOE data classified; see FM 101-10-3).

32-77G ASA Co (Proc)

Basis of allocation. One per field army (TOE data classified; see FM 101-10-3).

32-78G ASA Co (Scty)

Basis of allocation. One per field army (TOE data classified; see FM 101-10-3).

32-87T ASA Co (Avn)

Basis of allocation. One or more per field army (TOE data classified; see FM 101-10-3).

32-97T ASA Co (Avn) (ECM)

Basis of allocation. One or more per field army (TOE data classified; see FM 101-10-3).

32-500G ASA Org (Admin Tms)

Basis of allocation. See FM 101-10-3.

32-500D ASA Org (Maint and Op Tms)

Basis of allocation. See FM 101-10-3.



CHAPTER 21

PSYCHOLOGICAL OPERATIONS UNITS

33-500G PSYOP Org

Mission. a. To conduct PSYOP in support of a field army or theater army and in support of other operations for which the U.S. Army has responsibility.

b. To provide command, control, administrative and logistic support, and operational supervision for organic and attached units.

Assignment. a. To field army, theater army, or commands of theater army, as required. Suitable elements may be attached to subordinate commands, as required.

b. Team AC will normally be assigned to the theater army component.

c. Team AB, with suitable operational teams, may be attached to—

(1) Field army.

(2) The civil affairs command for consolidation support in the COMMZ.

d. Team AA, with suitable operational teams, may be attached to a corps or division.

e. When designated an airborne unit, team AB or AA may be assigned or attached to a special action force or joint unconventional warfare task force, as required.

Capabilities. a. The capabilities of units organized under this TOE will vary with the size and groupings of teams. The capabilities of each individual team are as indicated in the detailed breakdown of teams below. These teams—

(1) Provide HQ for administrative control and operational supervision of elements within a type of organization.

(2) Provide for planning, writing, directing, producing, and disseminating audio and visual propaganda.

(3) Provide propaganda support for the military command in various operational environments.

b. These teams are not adaptable to levels 2 and 3 or to a type B organization.

c. Non-U.S. personnel may be required to augment teams in certain operations.

d. Augmentation by indigenous personnel is mandatory for maximum operational effectiveness.

e. Administrative and logistic functions not herein provided are the responsibility of the commander to whose unit the PSYOP organization elements are assigned or attached and may be provided for by appropriate teams from the 500- and 600-series TOE.

f. This unit depends on appropriate photograph service units for motion-picture production support.

g. Individuals of this organization can engage in effective, coordinated defense of their area or installation.

h. When attached to an airborne army, joint airborne task force, or larger unit, teams AA, AB, AC (liaison officer and specialists only), FA, FC, FD, HA, HC, HD, HE, KA, KC, and KD will be parachute-qualified.

Strength. See individual teams below for strengths.

Basis of allocation. Normally one PSYOP organization (group team AC) per theater army, one PSYOP organization (battalion team AB) per field army, and one PSYOP organization (company team AA) per special mission. Allocations for individual teams are as indicated in the detailed breakdown of teams below.

Category. II.

Mobility. The degree of mobility must be computed for each specific combination of teams and/or composite units to be formed.

Remarks. This unit will be replaced by psychological operations organization (TOE 33-500G (Corrected Copy)), when published.

**Detailed Breakdown of Teams
Headquarters and Administrative Teams
Teams AA—AC**

Team AA, command and control (company)

Capabilities. Provides administrative control and operational supervision for from three to seven operational teams.

Strength. Off 1 EM 3 Aggr 4

Basis of allocation. One or more per corps, division, or other command. May be assigned or attached, in an advisory role, to a MAAG/mission, U.S. Information Service post, special action force, or joint unconventional warfare task force, as required.

Team AB, command and control (battalion)

Capabilities. Provides administrative control and operational supervision for from two to five PSYOP companies (teams AA).

Strength. Off 2 EM 7 Aggr 9

Basis of allocation. One per field army and one per civil affairs command in the COMMZ.

Team AC, command and control (group)

Capabilities. Commands from two to five PSYOP battalions (teams AB); provides limited procurement and distribution of nonstandard items of equipment and supplies for operational elements of the group; provides personnel and administrative support to assigned or attached units; provides coordination, guidance, and operational supervision for teams assigned or attached to the group HQ.

Strength. Off 10 WO 3 EM 43 Aggr 56

Basis of allocation. One per theater army.

Supply and Maintenance Team

Team BA, supply and maintenance

Capabilities. Plans and coordinates logistic requirements for PSYOP detachments, procures and distributes nonstandard items of equipment and supplies, and performs field maintenance on printing presses.

Strength. Off 1 EM 10 Aggr 11

Basis of allocation. One per PSYOP group, battalion, or company, as required.

Operational Teams

Teams FA—FE, GA—GD, HA—HE, IA—ID, JA—JD, KA—KF, and LA

Team FA, propaganda (operations)

Capabilities. Supervises two or more teams FB, FC, FD, or FE; prepares PSYOP plans, operation orders, and propaganda materials for all contingencies for which PSYOP detachments/groups are deployed. Functions alone in an advisory role with MAAG's/missions; U.S. Information Service posts; special action forces; HQ, joint unconventional warfare task force; SFOB; or operating detachments.

Strength. Off 2 EM 1 Aggr 3

Basis of allocation. One per PSYOP group, battalion, or company, as required.

Team FB, propaganda (audio)

Capabilities. Prepares propaganda messages in the form of sound tapes to include news, commentary, prisoner of war testimonials, feature programs, music, and various audio symbols for dissemination to selected target audiences by ground and airborne loudspeakers, radio, and other audio devices; researches, locates sources, and procures foreign music, as required, for PSYOP.

Strength. Off 4 EM 13 Aggr 17

Basis of allocation. One or more per team FA, as required.

Team FC, propaganda (current intelligence)

Capabilities. Formulates intelligence requirements, assembles and processes intelligence information used for the preparation of propaganda messages, and develops and verifies enemy psychological vulnerabilities and opportunities, which are exploited by propaganda messages.

Strength. Off 2 EM 2 Aggr 10

Basis of allocation. One or more per team FA, as required.

Team FD, propaganda (research and analysis)

Capabilities. Performs detailed studies of target groups through research and analyzes the propaganda/counterpropaganda of enemy, friendly, and neutral sources and the effects of our own propaganda.

Strength. Off 3 EM 8 Aggr 11

Basis of allocation. One or more per team FA, as required.

Team FE, propaganda (graphic)

Capabilities. Prepares copy and illustrations for voice and printed propaganda messages in the form of leaflets, posters, pamphlets, and news-sheets for dissemination to selected target audiences.

Strength. Off 2 EM 12 Aggr 14

Basis of allocation. One or more per team FA, as required.

Team GA, publications (operations)

Capabilities. Supervises one each teams GB, GC, and GD when grouped together.

Strength. Off 2 EM 2 Aggr 4

Basis of allocation. One per PSYOP group, battalion, or company, as required.

Team GB, publications (processing)

Capabilities. Trims, cuts, rolls, packages, and distributes printed propaganda material for dissemination by aircraft, tube artillery, and other means.

Strength. EM 3

Basis of allocation. One per team GA, as required.

Team GC, publications (camera and plate)

Capabilities. Produces photolithographic plates used by the offset presses of press teams to print propaganda leaflets and other printed material.

Strength. EM 6

Basis of allocation. One per team GA, as required.

Team GD, publications (press)

Capabilities. Prints by photolithographic process propaganda leaflets and other printed material to specification.

Strength. EM 9

Basis of allocation. One per team GA, as required.

Team HA, light mobile (operations)

Capabilities. Supervises two or more teams HB, HC, HD, or HE.

Strength. Off 1 EM 2 Aggr 3

Basis of allocation. One per PSYOP group, battalion, or company, as required.

Team HB, light mobile (loudspeaker operations)

Capabilities. Plans and conducts live or taped audio propaganda broadcasts to enemy troops in contact from infantry platoon position, observation posts, friendly tanks, and Army aircraft; responds to targets of psychological opportunity; and plans and conducts loudspeaker broadcasts to other selected target audiences.

Strength. EM 3

Basis of allocation. Three or more per team HA or as required by the tactical situation affecting supported commands within a field army.

Team HC, light mobile (printing and processing)

Capabilities. Prints propaganda leaflets and newssheets to specifications provided by team HD. Also trims, cuts, packages, rolls, loads, and distributes printed propaganda material for dissemination by aircraft, tube artillery, and other means.

Strength. EM 6

Basis of allocation. One or more per team HA or as required by the tactical situation affecting supported commands within the field army.

Team HD, propaganda (light mobile operations)

Capabilities. Prepares PSYOP plans, operation orders, and propaganda material for all contingencies for which deployed, including leaflets, newssheets, ground/airborne loudspeakers, and other PSYOP media.

Strength. Off 1 EM 7 Aggr 8

Basis of allocation. One or more per team HA or as required by the tactical situation affecting supported commands within the field army.

Team HE, propaganda (audio and visual)

Capabilities. Conducts sound and film propaganda operations; distributes leaflets, posters, and other items; and surveys local attitudes and opinions.

Strength. off 1 EM 2 Aggr 3

Basis of allocation. One or more per team HA or as required by the tactical situation affecting supported commands within the field army.

Team IA, mobile radio (operations)

Capabilities. Supervises teams IB, IC, and ID when grouped together.

Strength. Off 4 EM 3 Aggr 7

Basis of allocation. One per PSYOP group, battalion, or company, as required.

Team IB, mobile radio (radio news)

Capabilities. Provides news from friendly radio and teletypewriter sources, including CONUS stations and theater HQ, to provide a base for selected propaganda news broadcasts; also has limited capability to tape monitor selected foreign broadcasting stations for subsequent translation and detailed analysis.

Strength. EM 10

Basis of allocation. One per team ID or FC, as required.

Team IC, mobile radio (engineering)

Capabilities. Provides technical and audio specialist support to team ID for mobile radio broadcasting propaganda programs; is capable of re-broadcasting programs.

Strength. Off 1 EM 8 Aggr 9

Basis of allocation. One per team IA, as required.

Team ID, mobile radio (production)

Capabilities. Prepares, produces, and conducts limited original radio programs in support of propaganda operations.

Strength. Off 1 EM 8 Aggr 9

Basis of allocation. One or more per team IA, as required.

Team JA, printing (operations)

Capabilities. Supervises one each teams JB, JC, and JD when grouped together.

Strength. Off 2 EM 2 Aggr 4

Basis of allocation. One per PSYOP group, battalion, or company, as required.

Team JB, printing (camera and plate)

Capabilities. Conducts process photography and platemaking support for the heavy offset press.

Strength. EM 10

Basis of allocation. One per team JA, as required.

Team JC, printing (heavy press)

Capabilities. Produces by offset printing approximately 60,000,000 leaflets per month. (A leaflet is defined as 80 square inches of impression area.)

Strength. EM 24

Basis of allocation. One per team JA, as required.

Team JD, printing (processing)

Capabilities. Prepares reproduced material for shipment to the disseminating agency.

Strength. EM 9

Basis of allocation. One per team JA, as required.

Team KA consolidation (operations)

Capabilities. Supervises the operations of two or more teams KB, KC, KD, KE, and KF.

Strength. Off 1 EM 2 Aggr 3

Basis of allocation. One or more per PSYOP group, battalion, or company, as required.

Team KB, consolidation (motion-picture projection)

Capabilities. Provides for the operation of a motion-picture installation and for the operational supervision of motion-picture installations operated by indigenous personnel.

Strength. Off 1 EM 2 Aggr 3

Basis of allocation. One per motion-picture theater when operated by team members. One per three to five motion-picture theaters when operated by indigenous personnel.

Team KC, consolidation (printed media)

Capabilities. Provides for the operational control of a newspaper or other publications plant in a specific geographical area.

Strength. Off 4 EM 2 Aggr 6

Basis of allocation. One per publications plant, as required.

Team KD, consolidation (radio)

Capabilities. Provides for the operational control of a fixed radio broadcasting station.

Strength. Off 4 EM 4 Aggr 8

Basis of allocation. One per fixed radio station, as required.

Team KE, consolidation (distribution)

Capabilities. Provides for the operational control of the distribution of newspapers, periodicals, and other printed media.

Strength. Off 1 EM 3 Aggr 4

Basis of allocation. As required, commensurate with the operational scope in a specified geographical area.

Team KF, consolidation (display)

Capabilities. Provides for the operational control of pictorial displays.

Strength. Off 1 EM 3 Aggr 4

Basis of allocation. As required, commensurate with the operational scope in a specified geographical area.

Team LA, ideographic composing machine (operations)

Capabilities. Provides operators and maintenance man for ideographic composing machine (Chinese).

Strength. EM 3

Basis of allocation. As required.

33-500G (Corr Cy) (PTOE) PSYOP Org

Mission. a. To plan and conduct PSYOP in support of a field army or theater army and in support of other operations for which the U.S. Army has responsibility.

b. To provide command, control, administrative and logistic support, and operational supervision for organic and attached units.

Assignment. a. To field army, theater army, commands of theater army, or Army component of a unified command, as required. Suitable elements may be attached to subordinate commands or task forces, as required.

b. Team AC will normally be assigned to the theater army component or any component of a unified command.

c. Team AB, with suitable operational teams, may be attached to—

- (1) Field army.
- (2) TASCOT.
- (3) Unified or subordinate unified command.

d. Team AA, with suitable operational teams, may be attached to a corps, division, separate brigade, task force, MAAG, or mission.

e. When designated an airborne unit, team AB or AA may be assigned or attached to a special action force or joint unconventional warfare task force, as required.

Capabilities. a. The capabilities of units organized under this TOE will vary with the size, type, and mix of cellular teams. The capabilities of each individual team are as indicated in the detailed breakdown of teams below. These teams—

- (1) Provide HQ for administrative control and operational supervision of elements within a type of organization.
- (2) Provide for planning, writing, directing,

producing, and disseminating audio and visual propaganda.

(3) Provide propaganda support for the military command in various operational environments.

b. These teams are not adaptable to levels 2 and 3 or to a type B organization.

c. Non-U.S. personnel may be required to augment teams in certain operations.

d. Augmentation by indigenous personnel is mandatory for maximum operational effectiveness.

e. Administrative and logistic functions not herein provided are the responsibility of the commander to whose unit the PSYOP organization elements are assigned or attached and may be provided for by appropriate teams from the 500- and 600-series TOE.

f. This unit depends on appropriate photographic service units for motion-picture production support.

g. Individuals of this organization can engage in effective, coordinated defense of their area or installation.

h. When attached to an airborne army, joint airborne task force, or larger unit, the following teams are parachute-qualified:

(1) Team AA.

(2) Team AB (designated officers and specialists only).

(3) Team AC (liaison officer and specialist only).

(4) Operational teams FA, FC, FD, FE, HA, HB, and KC.

Strength. See individual teams below for strengths.

Basis of allocation. Normally one PSYOP organization (group team AC) per theater army, one PSYOP organization (battalion team AB) per field army, and one PSYOP organization (company team AA) per corps, division, or special mission. Allocations for individual teams are as indicated in the detailed breakdown of teams below.

Category. II.

Mobility. The degree of mobility must be computed for each specific combination of teams and/or composite units to be formed.

Remarks. PTOE 33-500G (Corrected Copy) at ACSFOR, DA, for staffing at the time of preparation of this manual. When published, this unit will replace psychological operations organization (TOE 33-500G).

Detailed Breakdown of Teams

Headquarters Teams

Teams AA—AC

Team AA, company headquarters

Capabilities. Provides command, administrative control, and operational supervision for from one to seven platoons or teams.

Strength. Off 2 EM 5 Aggr 7

Basis of allocation. One per corps, division, separate brigade, task force, MAAG, or mission.

Team AB, battalion headquarters and headquarters company

Capabilities. Provides command, administrative control, and operational supervision for from two to five PSYOP companies; logistic and administrative support for assigned and attached units; limited procurement and distribution of nonstandard items of equipment and supplies for subordinate operational elements.

Strength. Off 11 EM 41 Aggr 52

Basis of allocation. One per Army component of a unified or subordinate unified command, theater army, field army, or as required.

Team AC, group headquarters and headquarters company

Capabilities. Provides command for from two to five PSYOP battalions and coordination and operational supervision for subordinate elements.

Strength. Off 12 EM 48 Aggr 60

Basis of allocation. One per theater army or Army component of a unified command.

Administrative and Logistic Support Team

Team BA, supply and maintenance

Capabilities. Plans and coordinates logistic requirements for PSYOP units and teams, procures and distributes standard and nonstandard items of equipment and supplies, and performs field maintenance on reproduction and electronic equipment. Has a minimum vehicular maintenance capability.

Strength. WO 1 EM 12 Aggr 13

Basis of allocation. One per company or separate teams, as required.

Operational Teams

Teams FA—FE, GA—GD, HA—HC, IA, IB, and KA—KE

Team FA, propaganda

Capabilities. Supervises or develops the production of propaganda at theater army, field army, corps, division, MAAG, or mission.

Strength. Off 2 EM 1 Aggr 3

Basis of allocation. One per two to eight teams FB, FC, FD, or FE, as required; one per major command.

Team FB, audio and television production

Capabilities. Prepares audio and television propaganda in the form of sound tapes, scripts, news, commentary, and entertainment programs for dissemination to target audiences by radio, television, and loudspeaker; researches, locates, procures, and records indigenous music, sound effects, film and video tapes. Requires augmentation by indigenous linguists.

Strength. Off 4 EM 12 Aggr 16

Basis of allocation. One or more per PSYOP group, battalion, and/or company, as required; one per mobile radio team, as required; one per ethnic group or geopolitical area of interest.

Team FC, current intelligence

Capabilities. Develops intelligence requirements, processes intelligence information to support PSYOP, analyzes current intelligence to determine and verify psychological vulnerabilities and opportunities, interrogates prisoners, and translates foreign language printed material.

Off 1 WO 1 EM 10 Aggr 12

Basis of allocation. One or more per PSYOP company, battalion, or group, as required; one per ethnic group or geopolitical area of interest.

Team FD, research and analysis

Capabilities. Performs detailed background study and analysis of specific target groups, prepares PSYOP contingency plans, and conducts propaganda analysis of friendly and enemy PSYOP.

Strength. Off 2 EM 10 Aggr 12

Basis of allocation. One per PSYOP group or battalion, as required.

Team FE, graphic production

Capabilities. Prepares copy and illustrations necessary to produce leaflets, posters, pamphlets, and newssheets. Requires augmentation by indigenous writers.

Strength. Off 2 EM 12 Aggr 14

Basis of allocation. One per PSYOP group or battalion, as required; one per PSYOP unit with organic medium or heavy printing platoon.

Team GA, light printing platoon

Capabilities. Prints propaganda leaflets and newssheets on organic presses and trims, cuts, packages, rolls, and distributes printed propaganda material for dissemination by aircraft, tube artillery, and other means. Also prepares propaganda messages for special-situation leaflets and

newssheets and reproduces scripts for use by tactical loudspeaker broadcasts.

Strength. Off 1 EM 13 Aggr 14

Basis of allocation. One or more per PSYOP battalion or company, as required.

Team GB, medium printing platoon

Capabilities. Prepares lithographic plates for use by organic offset presses to print leaflets and other propaganda material. Also trims, cuts, rolls, packages, and distributes printed propaganda material for dissemination by aircraft, tube artillery, and other means.

Strength. Off 1 WO 1 EM 22 Aggr 24

Basis of allocation. One or more per PSYOP battalion or group.

Team GC, heavy printing platoon

Capabilities. Has its own internal supervisory element. Processes photography, provides platemaking support for heavy offset press, produces approximately 60,000,000 leaflets (a leaflet defined as 80 square inches of impression area) per month, produces other printed matter in different sizes, and prepares reproduced material for shipment to disseminating agencies.

Strength. Off 1 WO 1 EM 46 Aggr 48

Basis of allocation. One per PSYOP group or battalion, as required.

Team GD, ideographic composing machine

Capabilities. Composes up to 10,000 Chinese, Korean, and Japanese ideographic characters by electronic photostatic methods to provide copy for printed propaganda and provides limited maintenance for ideographic composing machine. Requires controlled environment and external power source.

Strength. EM 2

Basis of allocation. One or more per heavy printing platoon or fixed printing plant when required to compose and print Chinese, Korean, or Japanese ideographic characters; one or more per PSYOP group, as required.

Team HA, platoon headquarters (audio and visual)

Capabilities. Supervises two or more teams HB and HC or K-series teams.

Strength. Off 1 EM 2 Aggr 3

Basis of allocation. One per PSYOP group, battalion, or company, as required.

Team HB, loudspeaker

Capabilities. Plans, prepares, records, and conducts live or taped loudspeaker broadcasts in support of PSYOP. Loudspeaker with power source may be manpacked or mounted on ground vehicles, boats, or aircraft.

Strength. EM 3

Basis of allocation. One or more per combat battalion or as required.

Team HC, audiovisual

Capabilities. Exhibits sound motion pictures and/or photographic slides, conducts loudspeaker broadcasts, produces limited quantity of and distributes leaflets, conducts face-to-face propaganda, and surveys local population to secure PSYOP intelligence.

Strength. Off 1 EM 2 Aggr 3

Basis of allocation. One or more per PSYOP battalion or company or as required by the tactical or political situation.

Team IA, mobile radio

Capabilities. Prepares, produces, and conducts medium- or short-wave radio broadcasts in support of propaganda operations; provides current news and intelligence; and analyzes friendly and enemy propaganda broadcasts.

Strength. Off 6 WO 1 EM 33 Aggr 40

Basis of allocation. One per PSYOP group or battalion, as required.

Team IB, radio monitoring

Capabilities. Provides news from friendly radio and teletypewriter sources, including CONUS stations and theater HQ, to provide a base for selected propaganda news broadcasts; also has limited capability to tape monitor selected foreign broadcasting stations for subsequent translation and detailed analysis. Requires augmentation by indigenous personnel to be effected.

Strength. EM 12

Basis of allocation. One per PSYOP group or battalion, as required.

Team KA, fixed motion picture

Capabilities. Provides for the operation of a motion-picture installation and/or the operational supervision or advisory assistance for motion-picture installations operated by indigenous personnel.

Strength. Off 1 EM 2 Aggr 3

Basis of allocation. One per motion-picture theater when operated by team members; one per three to five motion-picture theaters operated by indigenous personnel.

Team KB, fixed printing

Capabilities. Provides operational control or advisory assistance for a newspaper or other types of publication plants in a specific geographical area.

Strength. Off 2 EM 10 Aggr 12

Basis of allocation. One per publication plant, as required.

Team KC, fixed radio

Capabilities. Provides operational control or advisory assistance for a fixed radio-broadcasting station.

Strength. Off 3 WO 1 EM 4 Aggr 8

Basis of allocation. One per fixed radio station, as required.

Team KD, display

Capabilities. Supervises preparation of copy and illustration and provides control or advisory assistance for the preparation of copy, artwork, displays, bulletin boards, signs, and other graphic media.

Strength. Off 1 EM 3 Aggr 4

Basis of allocation. As required.

Team KE, fixed television

Capabilities. Provides for the operational supervision and/or the operation of a television-broadcasting station; provides advisory assistance for television networks or stations and limited maintenance and repair of a television-broadcasting station.

Strength. Off 1 WO 1 EM 6 Aggr 8

Basis of allocation. One per television-broadcasting facility or as required.

37—100G Sep Inf Bde (Mech)

See chapter 28.

37—102G HHC, Sep Inf Bde (Mech)

See chapter 28.



CHAPTER 22

SPECIAL WEAPONS UNIT

39-51G USAMICOM, Air Transportable

Mission. To provide nuclear fire support to U.S. or allied ground forces.

Assignment. To theater of operations.

Capabilities. a. At level 1, this unit—

(1) Provides nuclear fire in support of counteraggression forces or reinforces indigenous forces in localized hostilities.

(2) Supports itself logistically after resupply has been delivered to the command.

(3) Provides limited evacuation and medical care.

(4) Provides radiation detection and decontamination.

(5) Provides survey control required in support of the mission.

b. This unit is not adaptable to a type B organization.

c. The missile command is organized as a tactical and administrative unit and is self-sustaining when operating in the vicinity of U.S. forces. When operating in support of allied forces isolated from U.S. facilities, the attachment of technical and logistic cellular detachments may be required. When the missile command operates in support of allied forces in remote areas, a special logistic linkage between port and/or airhead facilities and the missile command is required.

d. The missile command must be provided air defense protection by the supported unit or by attached U.S. air defense units.

e. The missile command depends on outside agencies for assistance in evacuation and medical services.

f. Individuals of this organization, except chaplain and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 77 WO 17
EM 1,146 Aggr 1,240

b. Level 2: Off 75 WO 17
EM 1,021 Aggr 1,113

c. Level 3: Off 68 WO 17
EM 906 Aggr 991

Basis of allocation. As required.

Category. For category designation of the components of this command, see applicable TOE extracts.

Mobility. For mobility of the components of this command, see applicable TOE extracts.

Components. a. One HHC (TOE 39-52G).

b. One field artillery battalion, Honest John (TOE 6-525G).

c. One signal company (TOE 11-237G).

d. One rifle company (TOE 7-18G).

e. One engineer combat company (TOE 5-38G).

g. One support company (TOE 29-307G).

39-52G HHC, USAMICOM, Air Transportable

Mission. To provide command, administration, control, and supervision of operations of the U.S. Army missile command, air transportable.

Assignment. Organic to U.S. Army missile command, air transportable (TOE 39-51).

Capabilities. a. At level 1, this unit—

(1) Provides staff planning, supervision, coordination, and control of operations of the command.

(2) Furnishes aviation support for the command HQ.

(3) Performs organizational maintenance on organic equipment, except for automotive and field radio equipment.

(4) Performs personnel administration.

(5) Lands by aircraft.

b. This unit is not adaptable to a type B organization.

c. Interpreters and translators, when required in the performance of a normal support mission, will be authorized by an MTOE under the provisions of AR 310-31. These teams will be provided, as required, from TOE 30-600.

d. This unit depends on the support company (TOE 29-307) for medical services and organizational maintenance on automotive and field radio equipment.

e. Individuals of this organization, except chaplains, can engage in effective, coordinated defense of the unit's area or installation.

Strength. *a.* Level 1: Off 24 WO 8
EM 79 Aggr 111

b. Level 2: Off 22 WO 8
EM 70 Aggr 100

c. Level 3: Off 18 WO 8
EM 64 Aggr 90

Basis of allocation. One per U.S. Army missile command, air transportable (TOE 39-51).

Category. I.

Mobility. *a.* For tactical movements, 75-percent mobile in organic vehicles and aircraft. When unit displaces, additional general-purpose transportation is required for approximately 10 tons of supplies and 30 personnel.

b. One hundred-percent mobile in organic vehicles and aircraft when using two lifts in administrative movement.

39-401G HHD, USA Arty Whd Spt Gp
HHD, USA Arty Whd Spt Subgp

Mission. *a.* To command assigned and attached U.S. Army warhead support organizations and other units, as directed.

b. To furnish advice, as required and requested, to the host nation on security, operational, technical, logistic, and administrative requirements.

Assignment. To theater of operations, as required.

Capabilities. *a.* At level 1, these units—

(1) Provide command, control, staff planning, and supervision of operations, security, and administration of attached units.

(*a*) When organized as a U.S. Army artillery warhead support group, attached units usually will include two or more U.S. Army artillery warhead support subgroups and/or other units.

(*b*) When organized as a U.S. Army artillery warhead support subgroup, attached units usually will include two or more U.S. Army field artillery warhead support detachments (TOE 6-500) and/or U.S. Army air defense artillery missile warhead support organizations (TOE 44-500) and/or other units.

(2) Administers all nuclear matters in the restricted data category such as dispersals, stockpiling, and logistic reporting.

(3) Supervises logistic and administrative support of U.S. personnel.

b. Reductions, to adapt this TOE for decreased operational capabilities, cannot be applied at levels 2 and 3.

c. These units are not adaptable to a type B organization.

d. Automotive maintenance teams, when required to support command and administrative functions, will be authorized by an MTOE under the provisions of AR 310-31. These teams will be provided, as required, from TOE 29-600. The basis for computation of requirements will be the number of vehicle equivalents (see AR 310-32) requiring organizational maintenance.

e. A liaison section, a chaplain section, and personnel section, when required, will be authorized by an MTOE under the provisions of AR 310-31. TOE 6-525, or other nondivisional field artillery battalion TOE, will be used as a guide in structuring these sections in the MTOE.

f. These units can communicate by radio with the next higher HQ. Additional radio teams, when required by the units' missions, will be authorized by an MTOE under the provisions of AR 310-31.

g. Medical, supply, and finance support, if required, will be authorized by an MTOE under the provisions of AR 310-31. These teams will be provided from TOE 8-500, TOE 10-500, and TOE 14-500 respectively.

h. Interpreters and translators, when required, will be authorized by an MTOE under the provisions of AR 310-31. These teams will be provided, as required, from TOE 30-600.

i. These units depend on the host nation for—

(1) All internal and external communications between the group or subgroup HQ and subordinate units.

(2) Transportation, if required, unless other provisions for transportation are made by bilateral agreement. The minimum numbers and types or equivalent types of vehicles required to support the units' missions are as reflected in the communication sections.

j. Individuals of this organization can engage in effective, coordinated defense of their area or installation.

Strength. Off 9 EM 23 Aggr 32

Basis of allocation. According to geographical area and density of custodial units.

Category. I.

Mobility. One hundred-percent mobile when furnished sufficient vehicles by the host nation, by augmentation from other U.S. Army organizations, or by MTOE.

CHAPTER 23

CIVIL AFFAIRS UNITS

41-2G HHC, CA Area A HHC, CA Area B

Mission. a. HHC, civil affairs area A:

(1) To exercise command of an integrated civil affairs organization with a strength of from 3,000 to 20,000 in administering civil affairs within a major area of operations or a political entity.

(2) To function as an HQ for the conduct of civil affairs relations with the central national government of a major nation.

(3) Within the United States, to provide military support for the civil defense organization in reestablishing civil government within regions damaged by enemy attack, natural disaster, or other emergency.

b. HHC, civil affairs area B:

(1) To exercise command of an integrated civil affairs organization with a strength of from 1,000 to 5,000 in administering civil affairs within a major area of operations or a political entity such as a state or nation.

(2) To conduct civil affairs activities in conjunction with the central government of a political entity such as a regional state or state (province) within a nation.

(3) Within the United States, to provide military support for the civil defense organization in reestablishing civil government in a State damaged by enemy attack, natural disaster, or other emergency.

Assignment. a. HHC, civil affairs area A. Attached or assigned to theater, theater army, or other major HQ responsible for the conduct of civil affairs operations.

b. HHC, civil affairs area B. Normally attached or assigned to theater army, theater army civil affairs command, or other appropriate HQ responsible for the conduct of civil affairs operations.

c. For civil defense missions, HHC, civil affairs area A and/or civil affairs area B may be attached or assigned to CONUS army HQ or other

appropriate command within the CONUS army area.

Capabilities. a. At level 1, civil affairs area A and B units—

(1) Formulate plans and programs in accordance with established policy and other directives for the conduct of civil affairs operations.

(2) Institute and administer civil affairs operations and activities within assigned areas of responsibility.

(3) Coordinate, deploy, direct, and supervise civil affairs units and personnel in accordance with the theater civil affairs plan and make available for deployment such units in support of commanders responsible for the conduct of civil affairs operations.

(4) Provide advice, assistance, and support to local governments, if such are operational, through ministerial liaison in areas of mutual concern within the scope of U.S. foreign policy.

(5) When appropriately augmented, establish and administer the central national government of a major political entity such as a nation or a state within a nation.

b. This unit is not adaptable to a type B organization.

c. In accordance with applicable regulations, directives, or instructions concerning military assistance to civil defense organizations and civil authorities in domestic emergencies within the United States, both civil affairs area A and B units can—

(1) Provide advice, assistance, and support for civil defense organizations and civil authorities for civil defense operations in the event of an enemy attack, natural disaster, or other emergency.

(2) When appropriately augmented, reestablish and temporarily administer local governments and public agencies.

d. Both civil affairs area A and B units can furnish qualified personnel in the types and numbers required to form the basic organization for a

civil affairs staff section of a higher HQ such as theater, theater army, army group, or similar HQ.

e. Units organized under this TOE will require teams from TOE 29-500 and TOE 29-600 for mess and automotive maintenance support and teams from TOE 11-500 for signal support. Appropriate teams from other 500- and 600-series TOE may be added, as required, to provide minimum-essential services to the civilian population. Medical and transportation services will be required from medical and transportation units servicing the area.

f. This unit depends on an AG personnel service unit for processing personnel administrative actions to include classification, personal affairs, maintenance of personnel records, pay actions, personnel accounting, casualty reporting, rosters, and orders directing personnel actions. When operating without the services of an AG personnel service unit, personnel services must be provided in an MTOE under the provisions of AR 310-31.

g. Individuals of this organization, except chaplains, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. When organized as HHC, civil affairs area A:

- (1) Level 1: Off 68 WO 2
EM 82 Aggr 152
- (2) Level 2: Off 64 WO 1
EM 71 Aggr 136
- (3) Level 3: Off 61 WO 1
EM 59 Aggr 121

b. When organized as HHC, civil affairs area B:

- (1) Level 1: Off 63 WO 1
EM 73 Aggr 137
- (2) Level 2: Off 60 WO 1
EM 62 Aggr 123
- (3) Level 3: Off 55 WO 1
EM 53 Aggr 109

Basis of allocation. a. HHC, civil affairs area A. One or more per theater of operations. The number required will depend on such variables as U.S. foreign policy, the requirements of the military situation, the participation of allies, the size and development of the area of operations, and the attitude of the civil population.

b. HHC, civil affairs area B. Three or more per theater army, theater army civil affairs command, or other similar or appropriate HQ. The number required will be determined by the variables listed above for the area A units.

Category. III.

Mobility. Fixed.

41-201G (FPTOE) HHC, CA Bde

Mission. a. To command, control, and supervise attached civil affairs units.

b. To provide civil affairs support in a COMMZ under theater, theater army, or TASCOT. Also, to provide civil affairs support for military operations of a field army and to assist tactical and support unit commanders in the discharge of their politico-military responsibilities to the civilian population, its government, and the economy in respective areas of operations.

c. To conduct civil affairs activities that may vary, depending on the situation, from liaison, advice, supervision, and assistance to the exercise of complete legislative, judicial, and executive control.

Assignment. Assigned or attached to theater army, TASCOT, ASCOM, field army, or FASCOM.

Capabilities. a. At level 1, this unit—

(1) Provides the command organizational structure to conduct civil affairs operations through and with existing or reestablished civilian authorities and civil government, using the minimum number of military personnel required for advice or supervision.

(2) Commands, plans for, coordinates, controls, and supervises civil affairs activities in area-wide support.

(3) Assists in the accomplishment of assigned political objectives of military commanders being supported.

(4) Serves as a central point of contact between military forces and the civilian population, government, and institutions.

(5) Formulates plans and programs in accordance with established policy and other directives for the conduct of civil affairs operations.

(6) Provides internal communications, including telephone, RATT, switching and terminating facilities, and message center service for the brigade HQ.

(7) Commands and supervises from three to six attached groups for COMMZ operations or from three to six attached battalions in a field army operation.

b. This unit is not adaptable to a type B organization.

c. This unit depends on an appropriate AG personnel service unit for processing personnel ad-

ministrative actions to include classification, personal affairs, maintenance of personnel records, pay actions, personnel accounting, casualty reporting, rosters, and orders directing personnel actions.

d. Performs organizational maintenance on organic equipment.

e. Appropriate teams from the 500- and 600-series TOE and other support may be added, as required, to provide minimum-essential services to the civilian population.

f. Individuals of this organization, except medical and chaplain personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. *a.* Level 1: Off 79 WO 1
EM 159 Aggr 239
b. Level 2: Off 77 WO 1
EM 138 Aggr 216
c. Level 3: Off 70 WO 1
EM 121 Aggr 192

Basis of allocation. One per field army and one or more per COMMZ, as required.

Category. *a.* When employed in the field army area: II.

b. When employed in a COMMZ: III.

Mobility. Fifty-percent mobile. Vehicles authorized are the minimum required for operations, essential housekeeping, and overhead support functions.

Remarks. FPTOE 41-201G approved for publication by ACSFOR, DA, at the time of preparation of this manual.

41-500G CA Org

Mission. *a.* To perform civil affairs functions in support of military operations and assist in the discharge of the commander's political-military responsibilities to the civilian population, government, and economy in the area. Also to perform civil affairs functions in support of U.S. commitments and national policy in cold war operations.

b. To provide command, control, and operation supervision for organic and attached units.

Assignment. Attached or assigned within a theater of operations, as required. Cellular functional teams should be attached to a civil affairs command HQ to maintain specialization, flexibility, and mobility of operation.

Capabilities. *a.* The capabilities of units organized under this TOE will vary with their size

and with the size and groupings of the teams attached. Additional functional teams may be required and can be requisitioned from a command exercising central authority. Individual team capabilities are as indicated in the detailed breakdown of teams below.

b. At level 1, the units organized under this TOE—

(1) Provide command, control, administration, and supervision for assigned and attached units.

(2) Develop and provide policies and planning guidance.

(3) Develop and provide priorities and allocations for either command or area support in accordance with the policies and directives of higher HQ.

c. The capabilities of a type B organization are the same as those of a level 1 organization.

d. Mess and automotive maintenance teams will be drawn from TOE 29-500 and TOE 29-600, signal support teams from TOE 11-500, and medical teams from TOE 8-500. Basis for computation of teams required will be the number of assembled personnel and the number of vehicles in one area. When this is not feasible or economical, needed support will be furnished by the unit to which attached or assigned. Appropriate teams from other 500- and 600-series TOE may be added, as required, to units organized under this TOE to provide minimum-essential services to the civilian population when such support cannot be provided from indigenous sources.

e. Personnel may be parachute-qualified when teams are assigned, attached, or designated for assignment or attachment to an airborne force, special action force, or joint unconventional warfare task force, when authorized by DA.

f. Units organized under this TOE depend on an AG personnel service unit for personnel administrative support.

g. Individuals of units or teams organized under this TOE, except chaplain personnel, can engage in effective, coordinated defense of their area or installation.

Strength. See individual teams below for strengths.

Basis of allocation. The allocation of units and teams organized under this TOE will vary with the mission, method of employment, and scope of activity programed or anticipated by the commander of the major unit to which attached or as-

signed. Normal allocation is one civil affairs group (team AE) per field army, one civil affairs battalion (team AD) per corps, and one civil affairs company (team AC) per division. Specific allocations are as indicated in the detailed breakdown of teams below.

Category. The category of each team or unit organized under this TOE will depend on the unit to which attached or assigned. These teams or units may be designated either category II or III.

Mobility. The degree of mobility must be computed for each specific combination of teams and/or composite units to be formed.

Detailed Breakdown of Teams

Part 1—Headquarters and Staff Teams

Teams AA—AI

Team AA, detachment headquarters

Capabilities. Provides support to country team operations, mobile training missions, MAAG activities, internal defense and internal development operations, and similar commitments.

- Strength.**
- a. Level 1: Off 3 EM 4
Aggr 7
 - b. Level 2: Off 3 EM 3
Aggr 6
 - c. Level 3: Off 2 EM 3
Aggr 5
 - d. Type B: Off 3 EM 3
Aggr 6

Basis of allocation. One per civil affairs support mission, as required.

Team AB, platoon headquarters

Capabilities. With required attached functional and language teams, performs civil affairs functions in support of a tactical brigade or similar command; administers or performs civil affairs functions in a town or small city; operates camps for displaced persons and refugees; or may be used separately with or without attached functional teams to perform those functions prescribed for team AA.

- Strength.**
- a. Level 1: Off 3 EM 4
Aggr 7
 - b. Level 2: Off 2 EM 4
Aggr 6
 - c. Level 3: Off 2 EM 3
Aggr 5
 - d. Type B: Off 3 EM 3
Aggr 6

Basis of allocation. One per civil affairs operations, as required.

Team AC, company headquarters

Capabilities. With required attached functional, language, and support teams, is a self-supporting operational unit. Performs civil affairs functions in support of a division or similar command; administers or performs civil affairs functions in a medium-size city or political subdivision equivalent to a county; or exercises command over from one to 10 civil affairs platoons.

- Strength.**
- a. Level 1: Off 6 EM 18
Aggr 24
 - b. Level 2: Off 6 EM 16
Aggr 22
 - c. Level 3: Off 6 EM 14
Aggr 20
 - d. Type B: Off 6 EM 15
Aggr 21

Basis of allocation. One or more per division or similar command, as required.

Team AD, battalion headquarters and headquarters detachment

Capabilities. With required attached functional, language, and support teams, is a self-supporting operational unit. Performs civil affairs functions in support of a corps or similar command; administers or performs civil affairs functions in a large city, province, or comparable political subdivision; or exercises command over from one to six civil affairs companies.

- Strength.**
- a. Level 1: Off 11 WO 1
EM 34 Aggr 46
 - b. Level 2: Off 11 WO 1
EM 30 Aggr 42
 - c. Level 3: Off 10 WO 1
EM 25 Aggr 36
 - d. Type B: Off 11 WO 1
EM 31 Aggr 43

Basis of allocation. One or more per corps or comparable command, as required.

Team AE, group headquarters and headquarters detachment

Capabilities. With required attached functional, language, and support teams, is a self-supporting operational unit. Performs civil affairs functions in support of a field army or similar command; administers or performs civil affairs functions in a large city, province, or comparable political subdivision such as a small country; or exercises command over from one to six civil affairs battalions.

- Strength.**
- a. Level 1: Off 15 EM 48
Aggr 63

- b. Level 2: Off 15 EM 43
Aggr 58
- c. Level 3: Off 13 EM 38
Aggr 51
- d. Type B: Off 15 EM 41
Aggr 56

Basis of allocation. One per theater army and one as part of the civil affairs organization within the COMMZ.

Team AF, tactical battalion staff

Team AG, tactical brigade staff (divisional. separate)

Team AH, support group staff

Team AI, support brigade and COSCOM staff

Capabilities. Provides qualified personnel and equipment to fulfill the requirement for civil affairs staff sections for those units without organic civil affairs staff sections. These staff section teams plan, coordinate, and provide staff supervision over civil affairs activities.

Strength. a. Team AF:

- (1) Level 1: Off 1 EM 2
Aggr 3
- (2) Level 2: Off 1 EM 2
Aggr 3
- (3) Level 3: Off 1 EM 1
Aggr 2
- (4) Type B: Off 1 EM 2
Aggr 3

b. Team AG:

- (1) Level 1: Off 2 EM 2
Aggr 4
- (2) Level 2: Off 2 EM 2
Aggr 4
- (3) Level 3: Off 1 EM 2
Aggr 3
- (4) Type B: Off 2 EM 2
Aggr 4

c. Team AH:

- (1) Level 1: Off 3 EM 3
Aggr 6
- (2) Level 2: Off 3 EM 2
Aggr 5
- (3) Level 3: Off 2 EM 2
Aggr 4
- (4) Type B: Off 3 EM 3
Aggr 6

d. Team AI:

- (1) Level 1: Off 4 EM 4
Aggr 8

- (2) Level 2: Off 3 EM 4
Aggr 7
- (3) Level 3: Off 3 EM 3
Aggr 6
- (4) Type B: Off 4 EM 4
Aggr 8

Basis of allocation. One per staff level, as appropriate.

Part 2—Functional Teams

Teams FA—FC, arts, monuments, and archives

Capabilities. Supervise the identification, recording, custody, safeguarding, and disposition of works of art, religious edifices, monuments, archeological or historic objects, archives, and official public records within the assigned area.

Strength. a. Team FA:

- (1) Level 1: Off 1 EM 2
Aggr 3
- (2) Level 2: Off 1 EM 2
Aggr 3
- (3) Level 3: Off 1 EM 1
Aggr 2
- (4) Type B: Off 1 EM 2
Aggr 3

b. Team FB:

- (1) Level 1: Off 2 EM 3
Aggr 5
- (2) Level 2: Off 2 EM 2
Aggr 4
- (3) Level 3: Off 2 EM 2
Aggr 4
- (4) Type B: Off 2 EM 3
Aggr 5

c. Team FC:

- (1) Level 1: Off 3 EM 3
Aggr 6
- (2) Level 2: Off 3 EM 2
Aggr 5
- (3) Level 3: Off 2 EM 2
Aggr 4
- (4) Type B: Off 3 EM 3
Aggr 6

Basis of allocation. One team FA per team AB or AC, one team FB per team AC or AD, one team FC per team AD or AE, as required and commensurate with the operational scope in a specified area.

Teams GA—GC, civil defense

Capabilities. Assist in the establishment, maintenance, and operation of civil defense programs for national disaster, air raid protection, and damage control within the assigned area.

Strength. a. Team GA:

- (1) Level 1: Off 1 EM 2
Aggr 3
- (2) Level 2: Off 1 EM 2
Aggr 3
- (3) Level 3: Off 1 EM 1
Aggr 2
- (4) Type B: Off 1 EM 2
Aggr 3

b. Team GB:

- (1) Level 1: Off 2 EM 3
Aggr 5
- (2) Level 2: Off 2 EM 3
Aggr 5
- (3) Level 3: Off 1 EM 3
Aggr 4
- (4) Type B: Off 2 EM 3
Aggr 5

c. Team GC:

- (1) Level 1: Off 3 EM 3
Aggr 6
- (2) Level 2: Off 3 EM 3
Aggr 6
- (3) Level 3: Off 2 EM 2
Aggr 4
- (4) Type B: Off 3 EM 3
Aggr 6

Basis of allocation. One team GA per team AB or AC, one team GB per team AC or AD, one team GC per team AD or AE, as required and commensurate with the operational objective

Teams HA—HC, civil information

Capabilities. Review the facilities employed to disseminate information to the people; coordinate the operation of public communication media; plan, direct, and supervise the preparation, distribution, and dissemination of necessary information through private or public agencies within the assigned area.

Strength. a. Team HA:

- (1) Level 1: Off 1 EM 2
Aggr 3
- (2) Level 2: Off 1 EM 2
Aggr 3
- (3) Level 3: Off 1 EM 1
Aggr 2
- (4) Type B: Off 1 EM 2
Aggr 3

b. Team HB:

- (1) Level 1: Off 2 EM 3
Aggr 5
- (2) Level 2: Off 2 EM 2
Aggr 4

- (3) Level 3: Off 2 EM 2
Aggr 4

- (4) Type B: Off 2 EM 3
Aggr 5

c. Team HC:

- (1) Level 1: Off 3 EM 4
Aggr 7

- (2) Level 2: Off 3 EM 3
Aggr 6

- (3) Level 3: Off 3 EM 2
Aggr 5

- (4) Type B: Off 3 EM 4
Aggr 7

Basis of allocation. One team HA per team AB or AC, one team HB per team AC or AD, one team HC per team AD or AE, as required and appropriate.

Teams IA—IC, civilian supply

Capabilities. Survey the availability of local food and supplies; supervise the administration, storage, transportation, and distribution of consumer types of goods and commodities made available by the Armed Forces and other agencies to prevent disease; anticipate needs to forestall unrest and to otherwise aid the civilian population within the assigned area.

Strength. a. Team IA:

- (1) Level 1: Off 1 EM 3
Aggr 4

- (2) Level 2: Off 1 EM 3
Aggr 4

- (3) Level 3: Off 1 EM 2
Aggr 3

- (4) Type B: Off 1 EM 2
Aggr 3

b. Team IB:

- (1) Level 1: Off 2 EM 5
Aggr 7

- (2) Level 2: Off 2 EM 4
Aggr 6

- (3) Level 3: Off 2 EM 3
Aggr 5

- (4) Type B: Off 2 EM 3
Aggr 5

c. Team IC:

- (1) Level 1: Off 3 EM 7
Aggr 10

- (2) Level 2: Off 3 EM 6
Aggr 9

- (3) Level 3: Off 3 EM 5
Aggr 8

- (4) Type B: Off 3 EM 3
Aggr 6

Basis of allocation. One team IA per team AB or AC, one team IB per team AC or AD, one team IC per team AD or AE, as appropriate and commensurate with the operational requirement.

Teams JA—JC, displaced persons, refugees, and evacuees

Capabilities. Coordinate the administrative processing and control of displaced persons, refugees, and evacuees; supervise the establishment, administration, and operation of camps; advise on the repatriation, resettlement, or movement of displaced persons, refugees, and evacuees within the assigned area.

Strength. a. Team JA:

- (1) Level 1: Off 1 EM 2
Aggr 3
- (2) Level 2: Off 1 EM 2
Aggr 3
- (3) Level 3: Off 1 EM 1
Aggr 2
- (4) Type B: Off 1 EM 2
Aggr 3

b. Team JB:

- (1) Level 1: Off 2 EM 4
Aggr 6
- (2) Level 2: Off 2 EM 3
Aggr 5
- (3) Level 3: Off 2 EM 2
Aggr 4
- (4) Type B: Off 2 EM 4
Aggr 6

c. Team JC:

- (1) Level 1: Off 3 EM 4
Aggr 7
- (2) Level 2: Off 3 EM 3
Aggr 6
- (3) Level 3: Off 2 EM 3
Aggr 5
- (4) Type B: Off 3 EM 4
Aggr 7

Basis of allocation. One team JA per team AB or AC, one team JB per team AC or AD, one team JC per team AD or AE, as required for civil affairs operations.

Teams KA—KC, economics and commerce

Capabilities. Determine the location, type, and availability of natural resources; develop plans for the preservation, rehabilitation, or restoration of the local economy; supervise the operation of commercial and industrial activities and the reestablishment of foreign trade to bolster civilian

production and economy; recommend and supervise the rationing and control of prices of critical commodities that are essential to the civilian population within the assigned area.

Strength. a. Team KA:

- (1) Level 1: Off 2 EM 3
Aggr 5
- (2) Level 2: Off 2 EM 3
Aggr 5
- (3) Level 3: Off 2 EM 2
Aggr 4
- (4) Type B: Off 2 EM 3
Aggr 5

b. Team KB:

- (1) Level 1: Off 3 EM 4
Aggr 7
- (2) Level 2: Off 3 EM 3
Aggr 6
- (3) Level 3: Off 3 EM 3
Aggr 6
- (4) Type B: Off 3 EM 4
Aggr 7

c. Team KC:

- (1) Level 1: Off 4 EM 5
Aggr 9
- (2) Level 2: Off 4 EM 4
Aggr 8
- (3) Level 3: Off 4 EM 3
Aggr 7
- (4) Type B: Off 4 EM 5
Aggr 9

Basis of allocation. One team KA per team AB or AC, one team KB per team AC or AD, one team KC per team AD or AE, as required and commensurate with the operational requirement.

Teams LA—LC, food and agriculture

Capabilities. Estimate food and agricultural requirements; stimulate the production and processing of needed foods; survey and supervise farming methods and the utilization and conservation of lands, forests, and marine food resources within the assigned area.

Strength. a. Team LA:

- (1) Level 1: Off 1 EM 2
Aggr 3
- (2) Level 2: Off 1 EM 2
Aggr 3
- (3) Level 3: Off 1 EM 1
Aggr 2
- (4) Type B: Off 1 EM 2
Aggr 3

b. Team LB:

- (1) Level 1: Off 2 EM 3
Aggr 5
- (2) Level 2: Off 2 EM 3
Aggr 5
- (3) Level 3: Off 2 EM 2
Aggr 4
- (4) Type B: Off 2 EM 3
Aggr 5

c. Team LC:

- (1) Level 1: Off 3 EM 4
Aggr 7
- (2) Level 2: Off 3 EM 3
Aggr 6
- (3) Level 3: Off 3 EM 2
Aggr 5
- (4) Type B: Off 3 EM 3
Aggr 6

Basis of allocation. One team LA per team AB or AC, one team LB per team AC or AD, one team LC per team AD or AE, as required.

Teams MA—MC, labor

Capabilities. Supervise and coordinate the operation of government and private labor agencies; determine the availability of local labor needed to support the U.S. Armed forces and to effect rehabilitation of facilities within the assigned area; effect arrangements to provide the U.S. force labor needs from the local area.

Strength. a. Team MA:

- (1) Level 1: Off 1 EM 2
Aggr 3
- (2) Level 2: Off 1 EM 2
Aggr 3
- (3) Level 3: Off 1 EM 1
Aggr 2
- (4) Type B: Off 1 EM 2
Aggr 3

b. Team MB:

- (1) Level 1: Off 2 EM 2
Aggr 4
- (2) Level 2: Off 2 EM 2
Aggr 4
- (3) Level 3: Off 2 EM 1
Aggr 3
- (4) Type B: Off 2 EM 2
Aggr 4

c. Team MC:

- (1) Level 1: Off 3 EM 3
Aggr 6

- (2) Level 2: Off 3 EM 2
Aggr 5
- (3) Level 3: Off 3 EM 2
Aggr 5
- (4) Type B: Off 3 EM 3
Aggr 6

Basis of allocation. One team MA per team AB or AC, one team MB per team AC or AD, one team MC per team AD or AE, as required and commensurate with the operational objective.

Teams NA—NC, property control

Capabilities. Prepare schedules of property to be placed under military control, as determined by policy directives; serve to protect property and preserve negotiable assets and resources; supervise the administration, control, and custody of such properties within the assigned area.

Strength. a. Team NA:

- (1) Level 1: Off 1 WO 1
EM 2 Aggr 4
- (2) Level 2: Off 1 WO 1
EM 2 Aggr 4
- (3) Level 3: Off 1 WO 1
EM 1 Aggr 3
- (4) Type B: Off 1 WO 1
EM 2 Aggr 4

b. Team NB:

- (1) Level 1: Off 2 WO 1
EM 4 Aggr 7
- (2) Level 2: Off 2 WO 1
EM 4 Aggr 7
- (3) Level 3: Off 2 WO 1
EM 3 Aggr 6
- (4) Type B: Off 2 WO 1
EM 4 Aggr 7

c. Team NC:

- (1) Level 1: Off 3 WO 1
EM 5 Aggr 9
- (2) Level 2: Off 3 WO 1
EM 4 Aggr 8
- (3) Level 3: Off 3 WO 1
EM 3 Aggr 7
- (4) Type B: Off 3 WO 1
EM 5 Aggr 9

Basis of allocation. One team NA per team AB or AC, one team NB per team AC or AD, one team NC per team AD or AE, as required.

Teams OA—OC, public administration

Capabilities. Survey governmental organization at all levels; analyze the effectiveness of existing agencies of government; effect liaison with

governmental officials and community leaders; supervise the legislative and executive processes and activities of political groups in the conduct of local government within the assigned area.

Strength. a. Team OA:

- (1) Level 1: Off 2 EM 1
Aggr 3
- (2) Level 2: Off 2 EM 1
Aggr 3
- (3) Level 3: Off 1 EM 1
Aggr 2
- (4) Type B: Off 2 EM 1
Aggr 3

b. Team OB:

- (1) Level 1: Off 3 EM 2
Aggr 5
- (2) Level 2: Off 2 EM 2
Aggr 4
- (3) Level 3: Off 2 EM 2
Aggr 4
- (4) Type B: Off 3 EM 2
Aggr 5

c. Team OC:

- (1) Level 1: Off 4 EM 3
Aggr 7
- (2) Level 2: Off 4 EM 2
Aggr 6
- (3) Level 3: Off 3 EM 2
Aggr 5
- (4) Type B: Off 4 EM 3
Aggr 7

Basis of allocation. One team OA per team AB or AC, one team OB per team AC or AD, one team OC per team AD or AE, as appropriate.

Team PA—PC, public communications

Capabilities. Analyze and evaluate the local postal services and civil communication facilities; study and supervise the reestablishment, administration, and operation of all forms of public communications and communication systems, including telephone, telegraph, radio, and television, within the assigned area.

Strength. a. Team PA:

- (1) Level 1: Off 1 EM 2
Aggr 3
- (2) Level 2: Off 1 EM 2
Aggr 3
- (3) Level 3: Off 1 EM 1
Aggr 2
- (4) Type B: Off 1 EM 2
Aggr 3

b. Team PB:

- (1) Level 1: Off 2 EM 3
Aggr 5
- (2) Level 2: Off 2 EM 3
Aggr 5
- (3) Level 3: Off 2 EM 2
Aggr 4
- (4) Type B: Off 2 EM 3
Aggr 5

c. Team PC:

- (1) Level 1: Off 3 EM 4
Aggr 7
- (2) Level 2: Off 3 EM 3
Aggr 6
- (3) Level 3: Off 2 EM 3
Aggr 5
- (4) Type B: Off 3 EM 4
Aggr 7

Basis of allocation. One team PA per team AB or AC, one team PB per team AC or AD, one team PC per team AD or AE, as required and commensurate with the civil affairs operational objective.

Teams QA—QC, public education

Capabilities. Survey and analyze available public and private school facilities; coordinate the educational requirements and courses of study; supervise the institution of and operation of educational programs within the assigned area.

Strength. a. Team QA:

- (1) Level 1: Off 1 EM 2
Aggr 3
- (2) Level 2: Off 1 EM 2
Aggr 3
- (3) Level 3: Off 1 EM 1
Aggr 2
- (4) Type B: Off 1 EM 2
Aggr 3

b. Team QB:

- (1) Level 1: Off 2 EM 3
Aggr 5
- (2) Level 2: Off 2 EM 3
Aggr 5
- (3) Level 3: Off 2 EM 2
Aggr 4
- (4) Type B: Off 2 EM 3
Aggr 5

c. Team QC:

- (1) Level 1: Off 3 EM 4
Aggr 7

- (2) Level 2: Off 3 EM 3
Aggr 6
- (3) Level 3: Off 3 EM 2
Aggr 5
- (4) Type B: Off 3 EM 4
Aggr 7

Basis of allocation. One team QA per team AB or AC, one team QB per team AC or AD, one team QC per team AD or AE, as required.

Team RA—RC, public finance

Capabilities. Review the public laws and agencies regulating banking and financing; establish controls over budget, taxation, expenditures, and fiscal accounting procedures of public funds; recommend and supervise credit needs within the assigned area.

Strength. a. Team RA:

- (1) Level 1: Off 1 EM 2
Aggr 3
- (2) Level 2: Off 1 EM 2
Aggr 3
- (3) Level 3: Off 1 EM 1
Aggr 2
- (4) Type B: Off 1 EM 2
Aggr 3

b. Team RB:

- (1) Level 1: Off 2 EM 3
Aggr 5
- (2) Level 2: Off 2 EM 3
Aggr 5
- (3) Level 3: Off 2 EM 2
Aggr 4
- (4) Type B: Off 2 EM 3
Aggr 5

c. Team RC:

- (1) Level 1: Off 3 EM 4
Aggr 7
- (2) Level 2: Off 3 EM 3
Aggr 6
- (3) Level 3: Off 3 EM 3
Aggr 6
- (4) Type B: Off 3 EM 4
Aggr 7

Basis of allocation. One team RA per team AB or AC, one team RB per team AC or AD, one team RC per team AD or AE, as required.

Teams SA—SC, public health

Capabilities. Analyze the organization and functions of public health and sanitation agencies; establish provisions for the control, treatment, and prevention of existing diseases; provide meas-

ures for the protection of food and water supplies; supervise the maintenance of public health facilities and records within the assigned area.

Strength. a. Team SA:

- (1) Level 1: Off 3 EM 2
Aggr 5
- (2) Level 2: Off 3 EM 2
Aggr 5
- (3) Level 3: Off 2 EM 2
Aggr 4
- (4) Type B: Off 3 EM 2
Aggr 5

b. Team SB:

- (1) Level 1: Off 3 EM 5
Aggr 8
- (2) Level 2: Off 3 EM 4
Aggr 7
- (3) Level 3: Off 3 EM 3
Aggr 6
- (4) Type B: Off 3 EM 4
Aggr 7

c. Team SC:

- (1) Level 1: Off 4 EM 6
Aggr 10
- (2) Level 2: Off 4 EM 5
Aggr 9
- (3) Level 3: Off 4 EM 4
Aggr 8
- (4) Type B: Off 4 EM 5
Aggr 9

Basis of allocation. One team SA per team AB or AC, one team SB per team AC or AD, one team SC per team AD or AE, as required and commensurate with the operational requirement.

Teams TA—TC, public safety

Capabilities. Supervise the operation of police departments, fire departments, and penal institutions; establish the enforcement of orders relating to security control of the civilian population; supervise the civilian agencies that enforce law and maintain order; assist in strengthening local organizations for civilian safety and protection within the assigned area.

Strength. a. Team TA:

- (1) Level 1: Off 1 EM 2
Aggr 3
- (2) Level 2: Off 1 EM 2
Aggr 3
- (3) Level 3: Off 1 EM 1
Aggr 2

- (4) Type B: Off 1 EM 2
Aggr 3
- b. Team TB:
- (1) Level 1: Off 2 EM 3
Aggr 5
- (2) Level 2: Off 2 EM 3
Aggr 5
- (3) Level 3: Off 2 EM 2
Aggr 4
- (4) Type B: Off 2 EM 3
Aggr 5
- c. Team TC:
- (1) Level 1: Off 3 EM 5
Aggr 8
- (2) Level 2: Off 3 EM 4
Aggr 7
- (3) Level 3: Off 3 EM 3
Aggr 6
- (4) Type B: Off 3 EM 5
Aggr 8

Basis of allocation. One team TA per team AB or AC, one team TB per team AC or AD, one team TC per team AD or AE, as required.

Teams UA—UC, public transportation

Capabilities. Coordinate and supervise the reestablishment, administration, and operation of all forms of private and public transportation and public transportation systems within the assigned area.

Strength. a. Team UA:

- (1) Level 1: Off 1 EM 2
Aggr 3
- (2) Level 2: Off 1 EM 2
Aggr 3
- (3) Level 3: Off 1 EM 1
Aggr 2
- (4) Type B: Off 1 EM 2
Aggr 3
- b. Team UB:
- (1) Level 1: Off 2 EM 3
Aggr 5
- (2) Level 2: Off 2 EM 3
Aggr 5
- (3) Level 3: Off 2 EM 2
Aggr 4
- (4) Type B: Off 2 EM 3
Aggr 5
- c. Team UC:
- (1) Level 1: Off 3 EM 4
Aggr 7

- (2) Level 2: Off 3 EM 3
Aggr 6
- (3) Level 3: Off 2 EM 3
Aggr 5
- (4) Type B: Off 3 EM 4
Aggr 7

Basis of allocation. One team UA per team AB or AC, one team UB per team AC or AD, one team UC per team AD or AE, as required by the operational objective.

Teams VA—AC, public welfare

Capabilities. Provide emergency and continuing relief measures essential to public order and welfare, including the supervision and coordination of relief activities and the supervision of public and private welfare institutions, within the assigned area.

Strength. a. Team VA:

- (1) Level 1: Off 1 EM 2
Aggr 3
- (2) Level 2: Off 1 EM 2
Aggr 3
- (3) Level 3: Off 1 EM 1
Aggr 2
- (4) Type B: Off 1 EM 2
Aggr 3
- b. Team VB:
- (1) Level 1: Off 2 EM 2
Aggr 4
- (2) Level 2: Off 2 EM 2
Aggr 4
- (3) Level 3: Off 2 EM 1
Aggr 3
- (4) Type B: Off 2 EM 2
Aggr 4
- c. Team VC:
- (1) Level 1: Off 3 EM 2
Aggr 5
- (2) Level 2: Off 3 EM 2
Aggr 5
- (3) Level 3: Off 2 EM 2
Aggr 4
- (4) Type B: Off 3 EM 2
Aggr 5

Basis of allocation. One team VA per team AB or AC, one team VB per team AC or AD, one team VC per team AD or AE, as required.

Team WA—WC, public works and utilities

Capabilities. Determine the organization and functions of public works and utilities agencies; determine the requirements for public works and utilities; supervise and advise on the operation of such facilities within the assigned area.

Strength. a. Team WA:

- (1) Level 1: Off 1 EM 2
Aggr 3
- (2) Level 2: Off 1 EM 2
Aggr 3
- (3) Level 3: Off 1 EM 1
Aggr 2
- (4) Type B: Off 1 EM 2
Aggr 3

b. Team WB:

- (1) Level 1: Off 2 EM 3
Aggr 5
- (2) Level 2: Off 2 EM 3
Aggr 5
- (3) Level 3: Off 2 EM 2
Aggr 4
- (4) Type B: Off 2 EM 3
Aggr 5

c. Team WC:

- (1) Level 1: Off 3 EM 5
Aggr 8
- (2) Level 2: Off 3 EM 4
Aggr 7
- (3) Level 3: Off 2 EM 4
Aggr 6
- (4) Type B: Off 3 EM 4
Aggr 7

Basis of allocation. One team WA per team AB or AC, one team WB per team AD or AE, one team WC per team AD or AE.

Team XA and XB, religious relations

Capabilities. Assess the civil affairs significance of the religions and cultures of the area; analyze the religious and cultural factors affecting socioreligious problems that have a bearing on the various functional areas of operation of the civil affairs mission within the assigned area.

Strength. a. Team XA:

- (1) Levels 1 through 3:
Off 1 EM 1 Aggr 2
- (2) Type B: Off 1 EM 1
EM 1 Aggr 2

b. Team XB:

- (1) Level 1: Off 2 EM 3
Aggr 5
- (2) Level 2: Off 2 EM 2
Aggr 4
- (3) Level 3: Off 2 EM 2
Aggr 4
- (4) Type B: Off 2 EM 3
Aggr 5

Basis of allocation. One team XA per team AC or AD, one team XB per team AD or AE, as required.

Teams YA—YC, tribunals

Capabilities. Translate the legal aspect of civil affairs operations into plans and directives; study the organization of the judicial systems, laws of the land, and the operation of local tribunals; establish the necessary civil affairs tribunals and other judicial and administrative agencies within the assigned area.

Strength. a. Team YA:

- (1) Level 1: Off 1 EM 2
Aggr 3
- (2) Level 2: Off 1 EM 2
Aggr 3
- (3) Level 3: Off 1 EM 1
Aggr 2
- (4) Type B: Off 1 EM 2
Aggr 3

b. Team YB:

- (1) Level 1: Off 2 EM 3
Aggr 5
- (2) Level 2: Off 2 EM 3
Aggr 5
- (3) Level 3: Off 2 EM 2
Aggr 4
- (4) Type B: Off 2 EM 3
Aggr 5

c. Team YC:

- (1) Level 1: Off 3 EM 4
Aggr 7
- (2) Level 2: Off 3 EM 3
Aggr 6
- (3) Level 3: Off 3 EM 2
Aggr 5
- (4) Type B: Off 3 EM 4
Aggr 7

Basis of allocation. One team YA per team AB or AC, one team YB per team AC or AD, one team YC per team AD or AE, as required.

Part 3—Language Teams

Teams ZA—ZC

Teams ZA—ZC, language

Capabilities. Provide interpreters and translators for the civil affairs units.

Strength. a. Team ZA:

- (1) Level 1: Off 1 EM 4
Aggr 5
- (2) Level 2: Off 1 EM 3
Aggr 4

- (3) Level 3: Off 1 EM 2
Aggr 3
- (4) Type B: Off 1 EM 3
Aggr 4

b. Team ZB:

- (1) Level 1: Off 2 EM 6
Aggr 8
- (2) Level 2: Off 2 EM 5
Aggr 7
- (3) Level 3: Off 2 EM 4
Aggr 6
- (4) Type B: Off 2 EM 2
Aggr 4

c. Team ZC:

- (1) Level 1: Off 2 EM 8
Aggr 10
- (2) Level 2: Off 2 EM 7
Aggr 9
- (3) Level 3: Off 2 EM 6
Aggr 8
- (4) Type B: Off 2 EM 3
Aggr 5

Basis of allocation. One team ZA per team AB or AC, one team ZB per team AC or AD, one team ZC per team AD or AE, as required by the operational objective.



CHAPTER 24

AIR DEFENSE ARTILLERY UNITS

44-2G HHB, ADA Bde

Mission. To plan, direct, and coordinate operations of subordinate air defense artillery groups and other units employed in air defense operations.

Assignment. Normally to an army, an army air defense command, or other similar major HQ within an oversea theater of operations.

Capabilities. a. At level 1, this unit provides—

(1) Command, staff planning, and supervision of operations.

(2) Limited communications.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except the chaplain, can engage in effective, coordinated defense of the unit's area or installation.

d. Mess and automotive maintenance personnel to support attached teams (personnel and motor vehicles) will be provided by teams, as required, from TOE 29-500 and the TOE 29-600 series.

e. Additional capabilities, when required for a specific deployment, may be added by attaching teams from TOE 44-510. These teams include personnel—

(1) To operate one air defense acquisition radar.

(2) To permit liaison with an associate control and reporting center of adjacent air defense organizations.

(3) To provide organizational, direct support, and general support maintenance for the fire distribution system.

f. The attachment of teams from TOE 11-500 furnish required communication support when missile monitor facilities (AN/MSG-4) are provided. In addition, army Signal Corps troops will provide required interunit communication circuits.

Strength. a. Level 1: Off 17 WO 2
EM 60 Aggr 79

b. Level 2: Off 17 WO 2
EM 52 Aggr 71

c. Level 3: Off 17 WO 2
EM 45 Aggr 64

Basis of allocation. One or more to army, an army air defense command, or other major HQ within an oversea theater of operations.

Category. II.

Mobility. One hundred-percent mobile.

44-8G ADA Tgt Det

Mission. To operate and maintain radio-controlled airplane targets of the nonman-carrying type for air defense artillery training and target practice.

Assignment. Normally attached to another air defense artillery unit, when required.

Capabilities. a. At level 1, this unit provides—

(1) Low-speed aerial targets for target or tracking practice for air defense artillery automatic weapons units and guided-missile units.

(2) Organizational maintenance for ground control equipment, test and launching equipment, and radio-controlled airplanes.

b. This unit is not adaptable to levels 2 and 3.

c. This unit is not adaptable to a type B organization.

d. This unit must be attached to, or depends on, other units for supply, motor maintenance support, mess, and personnel administration.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. Off 1 EM 15 Aggr 16

Basis of allocation. One or more to a major command, as required.

Category. III.

Mobility. Fifty-percent mobile.

44-12G HHB, ADA Gp

Mission. To provide administrative supervision of subordinate air defense artillery organiza-

tions and other assigned units employed in air defense operations.

Assignment. Normally to an army, an independent corps, an army air defense command, or to a major subordinate element of an army or an army air defense command within an oversea theater of operations.

Capabilities. a. At level 1, this unit provides two or more subordinate air defense artillery organizations—

(1) Command, staff planning, and supervision of operations.

(2) Limited communication.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except the chaplain, can engage in effective, coordinated defense of the unit's area or installation.

d. Mess and automotive maintenance personnel to support attached teams (personnel and motor vehicles) will be provided by teams, as required, from TOE 29-500 and the TOE 29-600 series.

e. Additional capabilities, when required for a specific deployment, may be added by attaching teams from TOE 44-510. These teams include—

(1) Staff personnel to assist the commander in staff planning and supervision of technical aspects of a group-assigned air defense complex. The requirement for this section depends on the frequency of relocating and establishing new defenses.

(2) Personnel to supervise, control, and coordinate the air defense functions assigned the air defense section of the responsible tactical operations center of an independent corps or other major HQ.

(3) Personnel to establish liaison with an associate tactical air control center section in an air defense complex.

(4) Personnel to operate one air defense acquisition radar.

(5) Personnel to permit liaison with an associate control and reporting center of adjacent air defense organizations.

(6) Personnel for organizational, direct support, and general support maintenance of the fire distribution system.

(7) Personnel for operation of missile monitor facilities, when assigned.

f. The attachment of signal teams from TOE 11-500 furnishes required communication sup-

port when missile monitor facilities (AN/MSG-4) are provided. In addition, army Signal Corps troops will provide required inter-unit communication circuits.

Strength. a. Level 1: Off 15 WO 2
EM 62 Aggr 79

b. Level 2: Off 14 WO 2
EM 55 Aggr 71

c. Level 3: Off 13 WO 2
EM 50 Aggr 65

Basis of allocation. One or more to army, corps, army air defense command, or major subordinate element of army or army air defense command within an oversea theater of operations.

Category. II.

Mobility. One hundred-percent mobile.

44-58G ADA Mg Btry, Cal .50

Mission. a. To provide local air defense against low-altitude attack for Hawk and Nike-Hercules units to which attached and to assist in providing local security of these units.

b. To provide other units or installations with a local defense capability against low-altitude attack and to assist in providing local security of these units.

Assignment. Attached to an air defense artillery battalion, Hawk, (TOE 44-235), an air defense artillery battalion, Nike-Hercules (TOE 44-535), or other units or installations requiring local defense against low-flying aircraft and local security.

Capabilities. a. At level 1, this unit can provide the following:

(1) Local air defense of Hawk and Nike-Hercules units against low-flying aircraft. This is the primary mission and requires that sections be attached to and integrated into the command and communication links of the Hawk and Nike-Hercules units. Communications are provided to accomplish this and will allow conducting engagements based on the area air defense weapon control status and rules for engagement.

(2) Local defense of nonair defense units and installations against low-flying aircraft. This is a secondary mission and requires that sections be attached to the defended unit or installation. Command and communication links with the area air defense system are not provided for this mission. The sections must, therefore, operate in a self-defense role.

(3) Properly structured, this unit can pro-

vide local air defense for airmobile operations. This mission requires that sections be attached to defended units or installations and operate in a self-defense role. Command and communication links with the area air defense system are not provided.

(4) The primary weapons can deliver fire against ground targets. This capability is exploited by assigning a mission of assisting in the local security of units to which attached; however, this unit is not organized and equipped to provide ground fire support to maneuver forces.

(5) The battery HQ is organized as a non-tactical HQ. It has the capability for limited administrative support and a limited vehicle, communication, and weapon maintenance capability. The primary purpose of the battery HQ is to supervise training and to insure that the sections can perform their assigned missions. The battery depends on units to which attached for combat service support.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

d. This unit depends on the organization to which attached for supply, motor maintenance support, mess, and personnel administration. Additional mess and automotive maintenance personnel for the organization to which this unit is attached, if authorized per criteria set forth in AR 310-32, are obtained from TOE 29-500 and TOE 29-600.

Strength. a. Level 1: Off 2 EM 116
Aggr 118
b. Level 2: Off 2 EM 104
Aggr 106
c. Level 3: Off 2 EM 94
Aggr 96

Basis of allocation. One or more batteries to unit or installation to be defended.

Category. I.

Mobility. One hundred-percent mobile.

44-85G ADA AW Bn, SP

Mission. a. To provide air defense for forward combat elements.

b. To attack and destroy hostile targets on land or water, as required.

Assignment. Normally to army or separate corps for deployment, as required.

Capabilities. a. At level 1, this unit provides—

(1) Local air defense against low-flying aircraft.

(2) Highly mobile automatic weapon fire against terrestrial and waterborne targets.

(3) Medical service to include emergency medical treatment, operation of an aid station, evacuation of patients to an aid station, and supervision of sanitation.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except medical and chaplain personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 37 WO 3
EM 678 Aggr 718
b. Level 2: Off 36 WO 3
EM 602 Aggr 641
c. Level 3: Off 24 WO 3
EM 551 Aggr 578

Basis of allocation. One or more to corps and/or army, or to theater of operations, as required, to insure availability of one battalion per committed division.

Category. I.

Mobility. One hundred-percent mobile.

Components. a. One HHB (TOE 44-86G).

b. Four air defense artillery automatic weapons batteries, self-propelled (TOE 44-87G).

44-86G HHB, ADA AW Bn, SP

Mission. To direct and coordinate operations of the battalion and to provide facilities with which the battalion commander controls the battalion. To procure, break out, and distribute all classes of supplies to the units of the battalion, maintain supply records, and perform organizational maintenance for the battalion.

Assignment. Organic to air defense artillery automatic weapons battalion, self-propelled (TOE 44-85).

Capabilities. a. At level 1, this unit provides—

(1) Command, staff planning, supervision, coordination, and control of operations and logistics of organic and attached units of the battalion.

(2) Logistic support to the units of the battalion.

(3) Organizational maintenance for units of the battalion.

(4) Medical service to include emergency medical treatment, operation of an aid station, evacuation of patients to an aid station, and supervision of sanitation.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except medical and chaplain personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 13 WO 3
EM 122 Aggr 138
b. Level 2: Off 12 WO 3
EM 114 Aggr 129
c. Level 3: Off 12 WO 3
EM 99 Aggr 114

Basis of allocation. One per air defense artillery automatic weapons battalion, self-propelled (TOE 44-85).

Category. I.

Mobility. One hundred-percent mobile.

44-87G ADA AW Btry, SP

Mission. a. To provide air defense for forward combat elements.

b. To attack and destroy hostile targets on land or water, as required.

c. To provide the firing elements of the air defense artillery automatic weapons battalion, self-propelled.

Assignment. Organic to air defense artillery automatic weapons battalion, self-propelled (TOE 44-85).

Capabilities. a. At level 1, this unit provides—

(1) Point air defense of assigned areas or installations against low-flying aircraft.

(2) Automatic weapon fire against terrestrial and waterborne targets.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 6 EM 139
Aggr 145
b. Level 2: Off 6 EM 122
Aggr 128
c. Level 3: Off 3 EM 113
Aggr 116

Basis of allocation. Four per air defense artillery automatic weapons battalion, self-propelled (TOE 44-85).

Category. I.

Mobility. One hundred-percent mobile.

44-102G HHB, ADA Bde, CONUS

Mission. To direct and coordinate operations of subordinate air defense artillery groups and other units employed in air defense of CONUS installations or areas.

Assignment. Normally to ARADCOM or to a major subordinate element of the ARADCOM for employment in air defense of the CONUS.

Capabilities. a. At level 1, this unit provides—

(1) Staff planning and supervision of operations.

(2) Supervision of planning for and construction of new Army air defense installations.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

d. Mess and automotive maintenance personnel to support attached teams (personnel and motor vehicles) will be provided by teams, as required, from TOE 29-500 and the TOE 29-600 series.

e. This unit requires signal support for installation and maintenance of communication equipment.

f. Additional capabilities, when required for a specific deployment, may be added by attaching teams from TOE 44-510. These teams include—

(1) Personnel and equipment to operate the AN/TSQ-51 fire distribution system.

(2) Personnel to support the AN/TSQ-51 RRIS, when required.

(3) Personnel as a team to support the associated air defense direction center section.

(4) Personnel and equipment to support the AN/TSQ-51 command post facility when additional tactical monitor consoles are required.

Strength. a. Level 1: Off 16 WO 3
EM 45 Aggr 64
b. Level 2: Off 15 WO 3
EM 40 Aggr 58
c. Level 3: Off 15 WO 3
EM 34 Aggr 52

Basis of allocation. One or more per defended area or ARADCOM.

Category. II.

Mobility. Fixed. Organic transportation includes only that required for administrative functions.

44-112G HHB, ADA Gp, CONUS

Mission. To command assigned and attached units employed in the air defense of CONUS installations or areas.

Assignment. Normally to ARADCOM, to a major subordinate element of ARADCOM, or to an air defense artillery brigade for employment in the air defense of the CONUS.

Capabilities. a. At level 1, this unit provides—

(1) Staff planning and supervision of tactical operations.

(2) Supervision of administration and organizational maintenance.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

d. Mess and automotive maintenance personnel to support attached teams (personnel and motor vehicles) will be provided by teams, as required, from TOE 29-500 and the TOE 29-600 series.

e. This unit requires signal support for installation and maintenance of communication equipment.

f. Additional capabilities, when required for a specific deployment, may be added by attaching teams from TOE 44-510. These teams include—

(1) Command and staff support personnel to assist the commander in staff planning and to supervise technical aspects of the group air defense complex.

(2) Personnel to operate installed signal equipment linking the group and higher or adjacent HQ of the air defense complex.

(3) Personnel to staff and support Army air defense functions with associated SAGE air defense direction centers.

(4) Personnel to operate the AN/TSQ-51 fire distribution facilities.

(5) Personnel as a team to support the associated air defense direction center section.

(6) Personnel to support the AN/TSQ-51 air defense command post facility when additional tactical monitor consoles are required.

(7) Personnel to support the AN/TSQ-51 RRIS, when required.

g. This unit will require signal support for the installation of selected communication links.

Strength. a. Level 1: Off 10 WO 3

EM 55 Aggr 68

b. Level 2: Off 10 WO 3

EM 48 Aggr 61

c. Level 3: Off 10 WO 3

EM 42 Aggr 55

Basis of allocation. One or more per defended area or ARADCOM.

Category. II.

Mobility. Fixed. Organic transportation includes only that required for administrative functions.

44-166G HHD, ADA Bn, CONUS

Mission. To provide command; training, operations, and maintenance supervision; and limited staff planning for the air defense artillery battalion, CONUS, Nike-Hercules, fire units.

Assignment. Normally to a U.S. Army air defense group within the ARADCOM for employment in the air defense of the CONUS.

Capabilities. a. At level 1, this unit provides up to four subordinate air defense artillery batteries—

(1) Command and limited staff planning.

(2) Supervision of training, operations, supply administration, and organizational maintenance.

(3) Supervision of the assembly, testing, and maintenance of missiles at battery launching sites.

b. This unit is not adaptable to levels 2 and 3.

c. This unit is not adaptable to a type B organization.

d. Mess personnel, when needed to support this detachment in a nontenant location, will be provided in an MTOE by teams from TOE 29-500.

e. This unit requires maintenance and administrative support to conduct necessary command and administrative activities.

f. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

g. Medical personnel to operate an aid station supplementing the medical support provided by the group HQ, when required, will be provided as a cellular team by MTOE.

Strength. Off 5 EM 7 Aggr 12

Basis of allocation. One or more per defended area or ARADCOM.

Category. II.

Mobility. Fixed. Transportation includes only that required for administrative purposes.

44-225T (DPTOE) ADA Bn, Strat AB AD

Mission. To destroy, nullify, or reduce the effectiveness of aerial attacks against airbases or other strategic installations.

Assignment. Normally to USSTRICOM.

Capabilities. a. At level 1, this unit provides—

(1) Air defense against low- and medium-altitude hostile aircraft.

(2) Attack of or defense against surface targets with the Vulcan weapon system.

(3) FAAR facilities.

(4) Medical service to include emergency medical treatment, operation of the battalion aid station, evacuation of casualties, provision of aidmen to firing batteries, and supervision of sanitation.

b. Personnel administrative support will be furnished by a personnel service company (TOE 12-67), and finance support will be furnished by an appropriate finance service organization.

c. This unit is not adaptable to a type B organization.

d. Individuals of this organization, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 19 WO 11
EM 440 Aggr 470

b. Level 2: Off 18 WO 11
EM 398 Aggr 427

c. Level 3: Off 18 WO 10
EM 347 Aggr 375

Basis of allocation. To each USSTRICOM, as required.

Category. I.

Mobility. For tactical movements, 100-percent mobile in organic vehicles.

Components. a. One HHB (TOE 44-226T).

b. One air defense artillery battery, Chaparral, self-propelled/Vulcan, towed (TOE 44-228T).

c. One air defense artillery battery, Hawk (mobile) (TOE 44-237G).

Remarks. DPTOE 44-225T forwarded to HQ, USACDC, April 1968, for review.

44-226T (DPTOE) HHB, ADA Bn, Strat AB AD

Mission. To provide command, administration, logistic support, and operational control for the battalion.

Assignment. Organic to air defense artillery battalion, strategic airbase air defense (TOE 44-225).

Capabilities. a. At level 1, this unit provides—

(1) Command, control, staff planning, and supervision of operations.

(2) Radio and wire communications with all elements of the battalion, higher, adjacent, and supported units. Wire may go through the nearest division or army area signal center.

(3) Supply, administration, and organizational maintenance for all battery equipment plus organizational maintenance for all wheeled and tracked vehicles in the battalion.

(4) Medical service to include operation of the battalion aid station, evacuation of casualties, provision of aidmen to firing batteries, and supervision of sanitation.

(5) FAAR facilities.

(6) Direct support maintenance for the Hawk and Chaparral systems, electronic portions of the Vulcan system, FAAR's, power generators, air conditioners, and air compressors. Receipt, storage, and issue of class IX repair parts required for the maintenance of these types of equipment both for platoon operations and for support of the batteries.

b. This unit will require personnel administrative support from a personnel service company (TOE 12-67) and finance support from an appropriate finance service organization.

c. This unit is not adaptable to a type B organization.

d. Individuals of this organization, except medical personnel, can engage in effective coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 10 WO 8
EM 164 Aggr 182

b. Level 2: Off 9 WO 8
EM 147 Aggr 164

c. Level 3: Off 9 WO 8
EM 128 Aggr 145

Basis of allocation. One per air defense artillery battalion, strategic airbase air defense (TOE 44-225).

Category. I.

Mobility. For tactical movements, 100-percent mobile in organic vehicles.

Remarks. DPTOE 44-226T forwarded to HQ, USACDC, April 1968, for review.

44-228T (DPTOE) ADA Btry, Chap, SP/Vulc, Towed

Mission. a. To destroy, nullify, or reduce the effectiveness of aerial attacks against airbases or other strategic installations.

b. To provide the Chaparral and Vulcan fire units to the air defense artillery battalion, strategic airbase air defense.

Assignment. Organic to air defense artillery battalion, strategic airbase air defense (TOE 44-225).

Capabilities. a. At level 1, this unit—

(1) Delivers a high rate of fire from prepared or hasty positions against low-altitude hostile aircraft.

(2) Delivers a high rate of fire from hasty positions against surface targets.

(3) Stores and transports its basic load of ammunition.

(4) Receives early warning and aircraft identification data transmitted from FAAR's.

(5) Provides complete organizational maintenance for the Chaparral and Vulcan fire units and communications and organizational maintenance for tracked and wheeled vehicles.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 4 WO 1

EM 135 Aggr 140

b. Level 2: Off 4 WO 1

EM 124 Aggr 129

c. Level 3: Off 4 WO 1

EM 107 Aggr 112

Basis of allocation. Normally one per air defense artillery battalion, strategic airbase air defense (TOE 44-225).

Category. I.

Mobility. For tactical movements, 100-percent mobile in organic vehicles.

Remarks. DPTOE 44-228T forwarded to HQ, USACDC, April 1968, for review.

44-235G ADA Bn, Hawk

Mission. To provide air defense artillery defense of assigned installations or areas against low- and medium-altitude hostile targets.

Assignment. Normally to an independent corps of a field army. May function as a separate battalion or be attached to an air defense artillery group.

Capabilities. a. At level 1, this unit provides—

(1) Air defense artillery defense of assigned installations or areas against low- and medium-altitude hostile aerial targets.

(2) Medical services to include emergency medical treatment, operation of the battalion aid station, evacuation of casualties to an aid station, and supervision of sanitation.

b. This unit is not adaptable to a type B organization.

c. This unit requires—

(1) Limited engineer support in preparing positions for semipermanent occupancy.

(2) Limited transportation support when employed as a semimobile battalion.

(3) Signal communication support for the fire distribution system.

d. Individuals of this organization, except medical and chaplain personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Fixed:

(1) Level 1: Off 38 WO 15

EM 719 Aggr 772

(2) Level 2: Off 37 WO 15

EM 640 Aggr 692

(3) Level 3: Off 37 WO 11

EM 569 Aggr 617

b. Semimobile:

(1) Level 1: Off 38 WO 15

EM 753 Aggr 806

(2) Level 2: Off 37 WO 15

EM 675 Aggr 727

(3) Level 3: Off 37 WO 11

EM 599 Aggr 647

c. Mobile:

(1) Level 1: Off 38 WO 15

EM 774 Aggr 827

(2) Level 2: Off 37 WO 15

EM 695 Aggr 747

(3) Level 3: Off 37 WO 11

EM 614 Aggr 662

Basis of allocation. One or more per defended area, as required.

Category. I.

Mobility. a. Fixed. Transportation includes only that required for administrative purposes.

b. Semimobile. Twenty-five-percent mobile.

c. Mobile. One hundred-percent mobile.

Components. a. One HHB (TOE 44-236G).

b. Four air defense artillery batteries, Hawk (TOE 44-237G).

44-236G HHB, ADA Bn, Hawk

Mission. To provide command, administration, supply, organizational maintenance, and operational control for the battalion.

Assignment. Organic to air defense artillery battalion, Hawk (TOE 44-235).

Capabilities. a. At level 1, this unit provides—

(1) Command, control, staff planning, and supervision of operations.

(2) Reconnaissance.

(3) Communications.

(4) Supply, administration, and organizational maintenance.

(5) Supervision of the assembly, testing, and maintenance of missiles at the missile battery launching sites.

(6) Medical service to include emergency medical treatment, operation of the battalion aid station, evacuation of casualties to an aid station, and supervision of sanitation.

(7) Direct support maintenance (less automotive) for the Hawk missile system, power generators, and air conditioners and direct support and general support maintenance for the battalion portion of the fire distribution system.

(8) Serviceability checks on Hawk missiles in storage at the special ammunition supply points, as required.

(9) Receipt, storage, and issue of class II and class IV repair parts peculiar to the Hawk missile system and the battalion portion of the fire distribution system for platoon operations and for support of the batteries.

(10) Transportation for one entire firing battery, thereby providing 25-percent mobility to the battalion when organized under the semimobile configuration.

b. This unit is not adaptable to a type B organization.

c. Signal communication support is required for the fire distribution system.

d. Individuals of this organization, except medical and chaplain personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Fixed:

(1) Level 1: Off 18 WO 7
EM 199 Aggr 224

(2) Level 2: Off 17 WO 7
EM 176 Aggr 200

(3) Level 3: Off 17 WO 7
EM 153 Aggr 177

b. Semimobile:

(1) Level 1: Off 18 WO 7
EM 233 Aggr 258

(2) Level 2: Off 17 WO 7
EM 211 Aggr 235

(3) Level 3: Off 17 WO 7
EM 183 Aggr 207

c. Mobile:

(1) Level 1: Off 18 WO 7
EM 210 Aggr 235

(2) Level 2: Off 17 WO 7
EM 187 Aggr 211

(3) Level 3: Off 17 WO 7
EM 166 Aggr 190

Basis of allocation. One per air defense artillery battalion, Hawk (TOE 44-235).

Category. I.

Mobility. a. Fixed. Transportation include only that required for administrative purposes.

b. Semimobile. Twenty-five-percent mobile.

c. Mobile. One hundred-percent mobile.

44-237G ADA Btry, Hawk

Mission. To provide the missile-launching and fire control components of the air defense artillery battalion, Hawk.

Assignment. a. Organic to air defense artillery battalion, Hawk (TOE 44-235).

b. See remarks.

Capabilities. a. At level 1, this unit—

(1) Delivers a high rate of fire from prepared positions against low- and medium-altitude hostile aerial targets.

(2) Inspects, assembles, tests, and maintains missiles.

(3) Stores basic load of missiles and warheads.

(4) Provides site security of classified system components.

b. This unit is not adaptable to a type B organization.

c. This unit requires—

(1) Limited engineer support in preparing positions for semipermanent occupancy.

(2) Limited transportation support when employed as a semimobile battery.

(3) Signal communication support for the fire distribution system.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Fixed or semimobile:

(1) Level 1: Off 5 WO 2
EM 130 Aggr 137

- (2) Level 2: Off 5 WO 2
EM 116 Aggr 123
- (3) Level 3: Off 5 WO 1
EM 104 Aggr 110

b. Mobile:

- (1) Level 1: Off 5 WO 2
EM 141 Aggr 148
- (2) Level 2: Off 5 WO 2
EM 127 Aggr 134
- (3) Level 3: Off 5 WO 1
EM 112 Aggr 118

Basis of allocation. *a.* Normally four per air defense artillery battalion, Hawk (TOE 44-235).

b. See remarks.

Category. I.

Mobility. *a.* Fixed. Transportation includes only that required for administrative purposes.

b. Semimobile. Up to 100-percent mobile.

c. Mobile. One hundred-percent mobile.

Remarks. The mobile configuration of one air defense artillery battery, Hawk (TOE 44-237G), is organic to air defense artillery battalion, strategic airbase air defense (DPTOE 44-225T).

44-255T ADA Bn, Hawk, SP

Mission. To provide air defense of installations and forward areas against attack by low- and medium-altitude hostile aircraft.

Assignment. Normally to field army. May function as a separate battalion or be attached to an air defense artillery group.

Capabilities. *a.* At level 1, this unit—

- (1) Operates a fire distribution system.
- (2) Provides communication facilities to support a fire distribution system.
- (3) Provides organizational and direct support maintenance for acquisition radar, the Hawk missile system, radio-relay terminal equipment, power generators, and air conditioners.
- (4) Provides organizational, direct support, and general support maintenance for the fire distribution system.
- (5) Provides medical services to include emergency medical treatment, operation of the battalion aid station, evacuation of casualties, and supervision of sanitation.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except medical and chaplain personnel, can engage in effective, coordinated defense of the unit's area or installation.

d. This unit requires—

(1) Limited engineer support in preparing positions for semipermanent occupancy.

(2) Assistance in providing tactical site security.

(3) Personnel administrative support from the personnel service company (TOE 12-67).

(4) Finance support from the finance direct support company (TOE 14-17).

Strength. *a.* Level 1: Off 43 WO 16
EM 766 Aggr 825

b. Level 2: Off 43 WO 16
EM 685 Aggr 744

c. Level 3: Off 40 WO 16
EM 605 Aggr 661

Basis of allocation. One or more per defended area, as required.

Category. I.

Mobility. One hundred-percent mobile.

Components. *a.* One HHB (TOE 44-256T).

b. Three air defense artillery batteries, Hawk, self-propelled (TOE 44-257T).

44-256T HHB, ADA Bn, Hawk, SP

Mission. To provide command, supply, maintenance, and operational control for the battalion.

Assignment. Organic to air defense artillery battalion, Hawk, self-propelled (TOE 44-255).

Capabilities. *a.* At level 1, this unit—

- (1) Provides command, control, staff planning, and supervision of operations.
- (2) Provides supply and organizational maintenance.
- (3) Furnishes communications and reconnaissance.
- (4) Operates acquisition radar.
- (5) Provides liaison with supported unit.
- (6) Operates a fire distribution system.
- (7) Furnishes communications to support a fire distribution system.
- (8) Provides medical service to include emergency medical treatment, operation of the battalion aid station, evacuation of casualties, provision of aidmen to firing batteries, and supervision of sanitation.
- (9) Provides—

(a) Organizational and direct support maintenance for the Hawk missile system, acquisition radar, power generators, and air conditioners.

(b) Organizational, direct support, and general support maintenance for the fire distribution system.

(c) Organizational maintenance for all communication equipment to include communication security equipment.

(d) Direct support maintenance for radio-relay terminal equipment.

(10) Performs serviceability checks on Hawk missiles in storage at the special ammunition supply points, as required.

(11) Receives, stores, and issues repair parts required to support the maintenance mission to include shop operations and battery requirements.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except medical and chaplain personnel, can engage in effective, coordinated defense of the unit's area or installation.

- Strength.* a. Level 1: Off 19 WO 7
EM 238 Aggr 264
b. Level 2: Off 19 WO 7
EM 211 Aggr 237
c. Level 3: Off 19 WO 7
EM 185 Aggr 211

Basis of allocation. One per air defense artillery battalion, Hawk, self-propelled (TOE 44-255).

Category. I.

Mobility. One hundred-percent mobile.

44-257T ADA Btry, Hawk, SP

Mission. To provide missile-launching and fire control components of the air defense artillery battalion, Hawk, self-propelled.

Assignment. Organic to air defense artillery battalion, Hawk, self-propelled (TOE 44-255).

Capabilities. a. At level 1, this unit—

(1) Delivers a high rate of fire from prepared and unprepared positions against low- and medium-altitude hostile aircraft.

(2) Inspects, assembles, tests, and maintains missiles.

(3) Stores basic load of missiles.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

d. This unit requires—

(1) Limited engineer support in preparing positions for semipermanent occupancy.

(2) Assistance in providing tactical site security.

- Strength.* a. Level 1: Off 8 WO 3
EM 176 Aggr 187
b. Level 2: Off 8 WO 3
EM 158 Aggr 169
c. Level 3: Off 7 WO 3
EM 140 Aggr 150

Basis of allocation. Normally three per air defense artillery battalion. Hawk, self-propelled (TOE 44-255).

Category. I.

Mobility. One hundred-percent mobile.

44-328T ADA Btry, Chap, SP, ADA Bn, Armd Div ADA Btry, Chap, SP, ADA Bn, Inf Div ADA Btry, Chap, SP, ADA Bn, Inf Div (Mech) ADA Btry, Chap, SP, ADA Bn

Mission. a. To provide air defense for forward combat elements, areas, or installations against low-altitude hostile aircraft.

b. To provide the Chaparral fire units to the air defense artillery battalion, Chaparral/Vulcan, self-propelled.

Assignment. Organic to—

a. Air defense artillery battalion, Chaparral/Vulcan, self-propelled, armored division, infantry division, or infantry division (mechanized) (TOE 44-325).

b. Air defense artillery battalion, Chaparral/Vulcan (TOE 44-725).

Capabilities. a. At level 1, this unit—

(1) Delivers fire from hasty positions against low-altitude hostile aircraft.

(2) Inspects, assembles, tests, and maintains missiles.

(3) Stores and transports basic load of missiles.

(4) Provides organizational maintenance for the Chaparral fire unit, FAAR, communications, and wheeled and tracked vehicles.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

- Strength.* a. Level 1: Off 7 EM 155
Aggr 162
b. Level 2: Off 7 EM 137
Aggr 144
c. Level 3: Off 6 EM 121
Aggr 127

Basis of allocation. a. Two per air defense artillery battalion, Chaparral/Vulcan, self-propelled, armored division, infantry division, or infantry division (mechanized) (TOE 44-325).

b. Two per air defense artillery battalion, Chaparral/Vulcan (TOE 44-725).

Category. I.

Mobility. One hundred-percent mobile in organic transportation.

44-500G USA ADA Msl Whd Spt Org

Mission. a. To provide by team composition for the custody, control, storage, organizational maintenance support, and monitoring of nuclear warhead sections and components (or nonnuclear components) in support of a Nike-Hercules unit of an allied nation.

b. To perform nuclear warhead section/missile-mating-installation or operations by team composition, depending on tactical and logistic considerations involved.

Assignment. Teams may be attached or assigned, as required, to fixed-strength units or may be organized into support units to perform custodial and monitoring functions under varying conditions.

Capabilities. a. The capabilities of units organized under this TOE will vary with the size and grouping of the teams used. Individual team capabilities are as indicated in the detailed breakdown of team below.

b. These teams are not adaptable to levels 2 and 3.

c. These teams are not adaptable to a type B organization.

d. Basis for computation of mess and automotive maintenance teams to support the control, custodial, and monitoring functions will be the number of personnel to be messed and the number of vehicle equivalents requiring organizational maintenance. These teams will be provided, as required, from TOE 29-500 and TOE 29-600.

e. Units organized using these teams may be made operationally self-sufficient except for the following functions:

(1) Transportation and escort personnel will be required to move warhead sections from U.S. Army ammunition supply points and oversea storage sites (or unloading points) to missile battery storage/firing sites.

(2) Construction and maintenance of storage, sites, extension of communications, and external unit security, in accordance with the local

area of operations, will require support from the supported forces.

(3) Interpreters and translators, when needed in performance of the normal support mission, will be provided by the supporting U.S. HQ.

g. Individuals of this organization, with the exception of medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. See individual teams below for strengths.

Basis of allocation. Normally one detachment, with appropriate teams per supported surface-to-air missile battalion (equivalent to a U.S. Army air defense artillery missile battalion, Nike-Hercules). Allocations are as indicated in the detailed breakdown of teams below.

Category. I.

Mobility. Mobility capability is provided by the host nation. The degree of mobility varies with each team and depends on the type of function performed.

Detailed Breakdown of Teams

Part 1—Administrative and Headquarters Team

Team AA, detachment headquarters

Capabilities. Commands and controls two or more assembly and monitoring teams and security teams depending on location.

Strength. Off 2 WO 1 EM 7 Aggr 10

Basis of allocation. One per supported surface-to-air missile battalion using one or more support teams, with a combined strength of not less than 50 individuals.

Part 2—Assembly and Monitoring Team

Team EA, assembly and monitoring

Capabilities. Provides qualified personnel and equipment to supervise and accomplish nuclear warhead section/missile mating, nuclear warhead and component servicing, and nuclear warhead monitoring.

Strength. Off 3 EM 9 Aggr 12

Basis of allocation. Normally one per each supported surface-to-air missile fire unit.

Part 3—Security Teams **Teams FA and FB**

Team FA, security

Capabilities. Provides personnel and equipment to supervise and maintain continuous custody of nuclear warhead sections or components at supported surface-to-air missile fire unit sites.

Personnel can perform minor operational adjustments to Nike-Hercules missile components (on order) to permit tactical use of nuclear warhead by supported unit.

Strength. EM 14

Basis of allocation. Normally one per each supported surface-to-air missile fire unit with two storage compartments or launcher pits.

Team FB, security

Capabilities. Provides personnel and equipment to augment team FA when more than two storage compartments are used.

Strength. EM 3

Basis of allocation. Normally one per each additional storage compartment or launcher pit.

Part 4—Communications Team Teams GA—GC

Team GA, communications

Capabilities. Provides personnel and equipment to operate and maintain radio nets within the air defense artillery missile warhead support organization and to higher HQ.

Strength. EM 4

Basis of allocation. Normally one per each supported surface-to-air missile battalion.

Team GB, communications

Capabilities. Provides personnel to reinforce the operational capabilities of team GA, as required. Assignment will depend on traffic and operational requirements imposed by distance, service, and security factors.

Strength. EM 1

Basis of allocation. Normally one or more when 24-hour radio operation and/or traffic load requires augmentation.

Team GC, communications

Capabilities. Provides personnel to reinforce the operational capabilities of team GA and/or operate, as required, radio/telephone facilities for supported surface-to-air missile fire units. Assignment depends on traffic and operational requirements imposed by distance, service, and security factors.

Strength. EM 1

Basis of allocation. Normally one or more when 24-hour communication operation is required.

Part 5—Medical Teams Teams HA and HB

Team HA, medical aid station

Capabilities. Provides personnel and equip-

ment to supervise medical aid station that provides unit-level medical support.

Strength. Off 1 EM 4 Aggr 5

Basis of allocation. One per air defense artillery missile warhead support organization, strength not to exceed 500, located in not more than four separate troop concentrations within 40-kilometer (25-mile) road distance of the aid station.

Team HB, ambulance detail

Capabilities. Provides minimum personnel and equipment to operate an ambulance team. Host country provides ambulance orderly.

Strength. EM 1

Basis of allocation. Augments team HA on basis of one per four or a fraction of additional troop concentrations within 40-kilometer (25-mile) road distance of the aid station.

44-510G (FPTOE) ADA Svc Org

Mission. To provide by team composition for those capabilities previously included as augmentations or organic elements in air defense artillery TOE's.

Assignment. Elements of this TOE may be assigned to an air defense artillery brigade, group, battalion, or battery.

Capabilities. a. At level 1 the capabilities of the teams organized under this TOE will vary with the size and functions performed. Individual team capabilities are as indicated in the detailed breakdown of teams below.

b. These teams are not adaptable to a type B organization.

c. These teams must be furnished mess, administrative, personnel, and automotive maintenance services.

Strength. See individual teams below for strengths.

Basis of allocation. As indicated in the detailed breakdown of teams below, unless operational or environmental conditions require otherwise.

Category. The category of each team will depend on the category of the unit to which assigned or other varying conditions under which the teams may operate.

Mobility. See individual teams below for mobility.

Remarks. FPTOE 44-510G approved by ACSFOR, DA, 16 October 1968, for publication and distribution.

Detailed Breakdown of Teams Part 1—Staff and Support Teams Teams FA—FC

Team FA, command-staff support section

Capabilities. Provides staff personnel to assist the commander in staff planning and supervision of technical aspects of a group-assigned air defense complex. The requirement for this section depends on the frequency of relocating and establishing new defenses.

Strength. Off 2 EM 1 Aggr 3

Basis of allocation. Normally assigned to a field army air defense artillery group, as required.

Mobility. One hundred-percent mobile.

Team FB, command-staff support section

Capabilities. Provides command and staff support personnel to assist the commander in staff planning and supervision of technical aspects of the group air defense complex.

Strength. Off 2

Basis of allocation. Normally assigned to a CONUS army air defense artillery group, as required.

Mobility. Fixed.

Team FC, electronic missile-support section

Capabilities. Provides the personnel and equipment to furnish technical advice to the commander and staff on missile systems organic to units to which assigned.

Strength. Off 2 WO 3 EM 2 Aggr 7

Basis of allocation. Normally assigned to a field army air defense artillery brigade or group, as required.

Mobility. One hundred-percent mobile.

Part 2—Control and Coordination Teams Teams GA—GF

Team GA, air defense element

Capabilities. Provides personnel and equipment to supervise, control, and coordinate the air defense functions at the tactical operations center of major HQ. The authorized grade for the chief of the air defense element is colonel at field army and lieutenant colonel at corps.

Strength. Off 5 EM 5 Aggr 10

Basis of allocation. Assigned to field army air defense artillery brigades and groups, as required.

Mobility. One hundred-percent mobile.

Team GB, tactical air control center section

Capabilities. Provides personnel and equipment to establish liaison with an associated tactical

air control center section in an air defense complex.

Strength. Off 3 EM 7 Aggr 10

Basis of allocation. Normally assigned to field army air defense artillery brigades and group, as required.

Mobility. One hundred-percent mobile.

Team GC, control and reporting center section

Capabilities. Provides personnel and equipment to permit liaison with an associated control and reporting center of adjacent air defense organizations. The number of required teams depends on the number of control and reporting centers in the air defense complex.

Strength. Off 3 EM 12 Aggr 15

Basis of allocation. Normally assigned to field army air defense artillery brigades and groups on the basis of one team per control and reporting center.

Mobility. One hundred-percent mobile.

Team GD, air defense direction center (SAGE)

Capabilities. Provides personnel to staff and support Army air defense functions with the associated SAGE air defense direction center.

Strength. Off 4 EM 4 Aggr 8

Basis of allocation. Normally assigned to CONUS army air defense artillery brigades, groups, and operations detachments (BIRDIE), as required.

Mobility. Fixed.

Team GE, air defense direction center section

Capabilities. Provides personnel and equipment to staff and support manually operated Army air defense facility with the associated air defense direction center.

Strength. Off 4 EM 8 Aggr 12

Basis of allocation. Normally assigned to CONUS army air defense artillery battalions, as required.

Mobility. Fixed.

Team GF, liaison section

Capabilities. Provides personnel and equipment to establish liaison with higher, adjacent, or lower HQ.

Strength. Off 1 EM 2 Aggr 3

Basis of allocation. Normally assigned to field army air defense artillery battalions, as required.

Mobility. One hundred-percent mobile.

Part 3—Fire Distribution Teams Teams HA—HO

Team HA, command post headquarters section (missile monitor)

Capabilities. Provides personnel and equipment for command and control of the missile monitor facilities.

Strength. Off 2 EM 3 Aggr 5

Basis of allocation. Normally assigned to field army air defense artillery brigades and groups, as required.

Mobility. One hundred-percent mobile.

Team HB, weapons monitor-radar processing section

Capabilities. Provides personnel and equipment to operate the missile monitor facilities.

Strength. Off 24 EM 49 Aggr 73

Basis of allocation. Normally assigned on the basis of one team HB per team HA.

Mobility. One hundred-percent mobile.

Team HC, fire distribution maintenance section

Capabilities. Provides personnel and equipment for direct support and general support maintenance of the fire distribution system.

Strength. Off 2 WO 3 EM 31 Aggr 36

Basis of allocation. Authorized when organization is augmented with teams HA and HB.

Mobility. One hundred-percent mobile.

Team HD, command post headquarters section (AN/TSQ-51)

Capabilities. Provides personnel and equipment for command and control of the AN/TSQ-51 facility.

Strength. Off 1 EM 6 Aggr 7

Basis of allocation. Normally assigned to CONUS army air defense artillery brigades and groups, as required.

Mobility. Fixed.

Team HE, monitoring and data processing section (AN/TSQ-51)

Capabilities. Provides personnel and equipment to operate the AN/TSQ-51 fire distribution facility.

Strength. Off 4 EM 12 Aggr 16

Basis of allocation. Normally assigned on the basis of one team HE per team HD.

Mobility. Fixed.

Team HF, maintenance section (AN/TSQ-51)

Capabilities. Provides personnel and equipment to perform organizational, direct support, and general support maintenance on the AN/TSQ-51 system.

Strength. WO 1 EM 12 Aggr 13

Basis of allocation. Normally assigned to CONUS army air defense artillery brigades and groups equipped with the AN/TSQ-51 system.

Mobility. Fixed.

Team HG, RRIS section

Capabilities. Provides personnel and equipment to operate and to perform organizational, direct support, and general support maintenance on the RRIS.

Strength. EM 10

Basis of allocation. Normally assigned to CONUS army air defense artillery brigades and groups equipped with the AN/TSQ-51 system.

Mobility. Fixed.

Team HH, fire distribution team (AN/TSQ-51)

Capabilities. Provides personnel to operate additional consoles when they are added to the basic AN/TSQ-51 system.

Strength. EM 4

Basis of allocation. One team per extra console added to the basic system, which is four consoles.

Mobility. Fixed.

Team HI, terminal data link repair team

Capabilities. Provides personnel and equipment to perform direct support maintenance on the terminal data link equipment associated with the fixed-site terminal data link system.

Strength. EM 1

Basis of allocation. Normally assigned to CONUS army air defense artillery brigades and groups equipped with the AN/TSQ-51 system and/or air defense artillery operations detachment (BIRDIE), as required.

Mobility. Fixed.

Team HJ, special requirements section (AN/TSQ-51).

Capabilities. Provides personnel and equipment to operate and to perform organizational maintenance on power and air-conditioning equipment associated with the AN/TSQ-51 system to include the RRIS.

Strength. EM 4

Basis of allocation. Normally assigned to CONUS army air defense artillery brigades and groups equipped with the AN/TSQ-51 system.

Mobility. Fixed.

Team HK, fire distribution section

Capabilities. Provides for prolonged operation of the fire distribution system in remote areas.

Strength. Off 1

Basis of allocation. Normally assigned to field army air defense battalions, as required.

Mobility. Requires transportation from unit to which assigned.

Team HL, monitoring-data processing team (BIRDIE)

Capabilities. Provides the personnel and equipment to operate each additional console that will extend the existing capabilities to include an additional four air defense fire units.

Strength. Off 4 EM 4 Aggr 8

Basis of allocation. Normally assigned to CONUS army air defense artillery operations detachment (BIRDIE), as required.

Mobility. Fixed.

Team HM, monitoring-data processing team (BIRDIE)

Capabilities. Provides the enlisted assistant tactical directors and their equipment to augment team HL.

Strength. EM 4

Basis of allocation. Normally assigned to CONUS army air defense artillery operations detachment (BIRDIE) on the basis of one team HM per two authorized teams HL.

Mobility. Fixed.

Team HN, BIRDIE maintenance support team

Capabilities. Provides personnel required to augment BIRDIE/battery terminal equipment/fire distribution system maintenance team when the AN/GSG-5 system is installed in the defense.

Strength. EM 1

Basis of allocation. Normally assigned to CONUS army air defense artillery operations detachment (BIRDIE) when the AN/GSG-5 is installed in the defense.

Mobility. Fixed.

Team HO, air defense plotter team (BIRDIE)

Capabilities. To provide personnel to augment the operations section in those defenses where additional plotters are required.

Strength. EM 3

Basis of allocation. Normally assigned to CONUS army air defense artillery operations detachment (BIRDIE), when needed.

Mobility. Fixed.

Part 4—Radar Teams

Teams IA—IF

Team IA, HIPAR section (mobile)

Capabilities. Provides personnel and equipment to operate and to perform organizational maintenance on mobile HIPAR and associated equipment.

Strength. EM 13

Basis of allocation. Normally assigned to field army air defense artillery batteries equipped with mobile HIPAR.

Mobility. Twenty-percent mobile; 100-percent mobile using HQ battery prime movers.

Team IB, Nike-Hercules HIPAR support section (mobile)

Capabilities. Provides personnel and equipment for direct support maintenance of from one to three HIPAR and associated equipment and performs the additional workload in the technical supply area.

Strength. EM 16

Basis of allocation. Normally assigned to field army air defense artillery battalions to support from one to three mobile HIPAR.

Mobility. One hundred-percent mobile.

Team IC, radar section (AN/GSS-7)

Capabilities. Provides personnel and equipment to operate one air defense acquisition radar (AN/GSS-7).

Strength. EM 10

Basis of allocation. Normally assigned to field army air defense artillery brigades, groups, and battalions on the basis of one team per radar.

Mobility. One hundred-percent mobile.

Team ID, radar section (DAR)

Capabilities. Provides personnel and equipment for auxiliary radar surveillance.

Strength. EM 10

Basis of allocation. Normally assigned to CONUS army air defense artillery battalions when auxiliary radar surveillance is required.

Mobility. Fixed.

Team IE, special requirements section (HIPAR)

Capabilities. Provides personnel for operation and organizational maintenance of HIPAR.

Strength. EM 2

Basis of allocation. Normally assigned to CONUS army air defense artillery batteries, when authorized HIPAR, on the basis of one team per battery.

Mobility. Fixed.

Team IF, special requirements section (ABAR)

Capabilities. Provides personnel for the operation and organizational maintenance of ABAR.

Strength. EM 6

Basis of allocation. Normally assigned to CONUS army air defense artillery batteries, when authorized ABAR, on the basis of one team per battery.

Mobility. Fixed.

Part 5—Custodial Teams

Teams JA and JB

Team JA, custodianship section

Capabilities. Provides a custodian for each de-

fense when a battery is manned by National Guard personnel.

Strength. WO 1

Basis of allocation. Normally assigned to CONUS army air defense artillery battalions, as required.

Mobility. Fixed.

Team JB, custodial team

Capabilities. Provides personnel for custodial duties to each battery manned by National Guard personnel.

Strength. EM 6

Basis of allocation. Normally assigned to CONUS army air defense artillery battalions, as required, on the basis of one team per National Guard battery.

Mobility. Fixed.

44-535G ADA Bn, HERC

Mission. To provide artillery guided-missile air defense of assigned installations or areas against medium- and high-altitude hostile aerial targets and to provide guided-missile fires on designated surface targets.

Assignment. Normally to an independent corps or a field army. May function as a separate battalion or be attached to an air defense artillery group.

Capabilities. a. At level 1, this unit—

(1) Provides air defense artillery guided-missile defense of assigned installations or areas against medium- and high-altitude hostile aerial targets.

(2) Delivers guided-missile fires against selected surface targets.

(3) Provides direct support maintenance for engineer, ordnance (less automotive), and signal equipment peculiar to the Nike-Hercules missile system and direct and general support maintenance for the fire distribution system.

(4) Provides medical service to include emergency medical treatment, operation of the battalion aid station, evacuation of casualties to an aid station, and supervision of sanitation.

(5) Provides a trained security force for the missile storage areas in the firing batteries.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except medical and chaplain personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 31 WO 24
EM 867 Aggr 922

b. Level 2: Off 31 WO 24
EM 775 Aggr 830

c. Level 3: Off 30 WO 16
EM 701 Aggr 747

Basis of allocation. One or more per defended area, as required.

Category. I.

Mobility. Forty-percent mobile.

Components. a. One HHB (TOE 44-536G).

b. Four air defense artillery batteries, Nike-Hercules (TOE 44-537G).

44-536G HHB, ADA Bn, HERC

Mission. To provide command, administration, supply, organizational maintenance, and operational control for the air defense artillery battalion, Nike-Hercules, in the surface-to-air or surface-to-surface role.

Assignment. Organic to air defense artillery battalion, Nike-Hercules (TOE 44-535).

Capabilities. a. At level 1, this unit provides—

(1) Command, control, staff planning, and supervision of operations.

(2) Reconnaissance.

(3) Communications.

(4) Supply, administration, and organizational maintenance.

(5) Direct support maintenance (less automotive) for the Nike-Hercules missile system, power generators, and air conditioners and direct support and general support maintenance for the battalion portion of the fire distribution system.

(6) Serviceability checks on Nike-Hercules missiles in storage at the special ammunition supply point, as required.

(7) Medical service to include emergency medical treatment, operation of the battalion aid station, evacuation of casualties to an aid station, and supervision of sanitation.

(8) Transportation elements for the battalion, as required.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except medical and chaplain personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 15 WO 8
EM 267 Aggr 290

- b. Level 2: Off 15 WO 8
EM 239 Aggr 262
- c. Level 3: Off 14 WO 8
EM 213 Aggr 235

Basis of allocation. One per air defense artillery battalion, Nike-Hercules (TOE 44-535).

Category. I.

Mobility. One hundred-percent mobile. This battery also contains sufficient additional vehicles to permit the movement of one firing battery (TOE 44-537) at a time, when used in conjunction with the transportation organic to the firing battery.

44-537G ADA Btry, HERC

Mission. To provide the missile-launching and fire control components of the air defense artillery battalion, Nike-Hercules, in a surface-to-air or surface-to-surface role.

Assignment. Organic to air defense artillery battalion, Nike-Hercules (TOE 44-535).

Capabilities. a. At level 1, this unit—

(1) Delivers a sustained and deliberate rate of fire against—

(a) Medium- and high-altitude hostile targets.

(b) Designated surface targets.

(2) Assembles, tests, and maintains missiles.

(3) Stores basic load of missiles and warheads.

(4) Provides continuous automatic exchange of reference data with associated fire distribution systems.

(5) Provides local security, as required.

b. This unit is not adaptable to a type B organization.

c. This unit requires limited engineer support in preparing positions for occupancy.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 4 WO 4
EM 150 Aggr 158

b. Level 2: Off 4 WO 4
EM 134 Aggr 142

c. Level 3: Off 4 WO 2
EM 122 Aggr 128

Basis of allocation. Four per air defense artillery battalion, Nike-Hercules (TOE 44-535).

Category. I.

Mobility. Organic transportation includes only that required for command and administrative purposes. One battery becomes fully mobile

when augmented with vehicles from the battalion transportation section.

44-545G ADA Bn, HERC, CONUS

Mission. To provide artillery guided-missile air defense of assigned fixed installations or areas against medium- and high-altitude hostile aerial targets.

Assignment. Functions as a separate battalion or may be attached to an air defense artillery group.

Capabilities. a. At level 1, this unit provides—

(1) Guided-missile air defense of assigned installations or areas against medium- and high-altitude hostile aerial targets.

(2) Medical service to include emergency medical treatment, operation of the battalion aid station, evacuation of casualties to an aid station, and supervision of sanitation.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except chaplains and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

d. This unit requires—

(1) Engineer support in preparing positions for occupancy.

(2) Transportation for resupply of missiles.

e. To provide flexibility in meeting the requirements of a specific defense, the organization may include the air defense artillery double battery, Nike-Hercules, CONUS (TOE 44-548).

Strength. a. Level 1: Off 27 WO 21
EM 574 Aggr 622

b. Level 2: Off 27 WO 21
EM 509 Aggr 557

c. Level 3: Off 27 WO 17
EM 441 Aggr 485

Basis of allocation. One or more per defended area, as required.

Category. I.

Mobility. Fixed. Transportation includes only that required for administrative purposes.

Components. a. One HHB (TOE 44-546G).

b. Four air defense artillery batteries, Nike-Hercules, CONUS (TOE 44-547G).

44-546G HHB, ADA Bn, HERC, CONUS

Mission. To provide command, administration, supply, organizational maintenance, and operational control for the air defense artillery

battalion, Nike-Hercules, CONUS (TOE 44-545).

Assignment. Organic to air defense artillery battalion, Nike-Hercules, CONUS (TOE 44-545).

Capabilities. a. At level 1, this unit provides—

(1) Staff planning and supervision of operations.

(2) Limited communications.

(3) Supply, administration, and organizational maintenance.

(4) Supervision of the assembly, testing, and maintenance of missiles at the missile battery launching sites.

(5) Medical service to include emergency medical treatment, operation of the battalion aid station, evacuation of casualties to an aid station, and supervision of sanitation.

(6) Training supervision of the security section in the missile firing batteries.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except medical and chaplain personnel, can engage in effective, coordinated defense of the unit's area or installation.

d. Mess and automotive maintenance personnel to support attached teams (personnel and motor vehicles) will be provided by teams, as required, from TOE 29-500 and the TOE 29-600 series.

e. This unit requires—

(1) Limited engineer support in preparing positions for occupancy.

(2) Signal support for installation and maintenance of communication equipment.

f. Additional capabilities, when required for a specific deployment, may be added by attaching teams from TOE 44-510. These teams provide—

(1) A defense acquisition radar.

(2) Personnel to maintain and support HIPAR components when one or more batteries are authorized this equipment.

(3) A custodian for each defense when a battery is manned by National Guard personnel.

(4) A custodial team for each battery when the battery is manned by National Guard personnel.

Strength. a. Level 1: Off 11 WO 5
EM 70 Aggr 86

b. Level 2: Off 11 WO 5
EM 61 Aggr 77

c. Level 3: Off 11 WO 5
EM 53 Aggr 69

Basis of allocation. One per air defense artillery battalion, Nike-Hercules, CONUS (TOE 44-545).

Category. I.

Mobility. Fixed. Transportation included only that required for administrative purposes.

44-547G ADA Btry, HERC, CONUS

Mission. To provide the missile-launching and fire control components of the air defense artillery battalion, Nike-Hercules, CONUS.

Assignment. Organic to air defense artillery battalion, Nike-Hercules, CONUS (TOE 44-545).

Capabilities. a. At level 1, this unit—

(1) Delivers a sustained and deliberate rate of fire from fixed positions against medium- and high-altitude hostile aerial targets.

(2) Assembles, tests, and maintains missiles.

(3) Stores basic load of missiles and warheads.

(4) Provides qualified, full-time guards, dog handlers, and sentry dogs for classified missile components security.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

d. Mess and automotive maintenance personnel to support attached teams (personnel and motor vehicles) will be provided by teams, as required, from TOE 29-500 and the TOE 29-600 series.

e. This unit requires—

(1) Engineer support in preparing positions for occupancy.

(2) Transportation for resupply of missiles.

(3) Signal support for installation and maintenance of communication equipment.

f. Additional capabilities, when required for a specific deployment, may be added by attaching teams from TOE 44-510. These teams provide personnel for the operation and maintenance of HIPAR and ABAR.

Strength. a. Level 1: Off 4 WO 4
EM 126 Aggr 134

b. Level 2: Off 4 WO 4
EM 112 Aggr 120

c. Level 3: Off 4 WO 3
EM 97 Aggr 104

Basis of allocation. Normally four per air defense artillery battalion, Nike-Hercules, CONUS (TOE 44-545).

Category. I.

Mobility. Fixed. Transportation includes only that required for administrative purposes.

44-548G ADA Double Btry, HERC, CONUS

Mission. To provide the missile-launching and fire control components of the air defense artillery battalion, Nike-Hercules, CONUS.

Assignment. Organic to air defense artillery battalion, Nike-Hercules, CONUS (TOE 44-545), normally in lieu of two air defense artillery batteries, Nike-Hercules, CONUS (TOE 44-547).

Capabilities. a. At level 1, this unit—

(1) Delivers a sustained and deliberate rate of fire from fixed positions against medium- and high-altitude hostile aerial targets.

(2) Assembles, tests, and maintains missiles.

(3) Stores basic load of missiles and warheads.

(4) Provides qualified, full-time guards, dog handlers, and sentry dogs for classified missile components security.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

d. Mess and automotive maintenance personnel to support attached teams (personnel and motor vehicles) will be provided by teams, as required, from TOE 29-500 and the TOE 29-600 series.

e. This unit requires—

(1) Engineer support in preparing positions for occupancy.

(2) Transportation for resupply of missiles.

(3) Signal support for installation and maintenance of communication equipment.

f. Additional capabilities, when required for a specific deployment, may be added by attaching teams from TOE 44-510. These teams provide personnel for the operation and maintenance of HIPAR and ABAR.

Strength. a. Level 1: Off 6 WO 7
EM 223 Aggr 236

b. Level 2: Off 6 WO 7
EM 196 Aggr 209

c. Level 3: Off 6 WO 7
EM 181 Aggr 194

Basis of allocation. One or more per air defense artillery battalion, Nike-Hercules, CONUS (TOE 44-545), as required.

Category. I.

Mobility. Fixed. Transportation includes only that required for administrative purposes.

44-568G ADA Op Det, BIRDIE, CONUS

Mission. a. To operate the air defense operations center and provide facilities to collect, evaluate, and disseminate air defense intelligence.

b. To monitor actions of assigned air defense fire units and to provide tactical control and fire direction when such action is required.

Assignment. Normally attached to an air defense artillery group or air defense artillery battalion in defense of the CONUS. May be attached to an air defense brigade.

Capabilities. a. At level 1, this detachment can provide the headquarters to which attached—

(1) Facilities for the continuous collection, evaluation, and dissemination of air defense intelligence information.

(2) Continuous automatic broadcast of externally generated and/or locally generated reference data to subordinate fire units.

(3) A fire distribution capability.

(4) Facility console and corresponding operator personnel to meet the requirement for a defense consisting of either two batteries for the AN/GSG-6 system or up to four firing batteries for the AN/GSG-5 system.

(5) Organizational, direct support, and general support maintenance for the fire distribution system and direct support and general support maintenance for the battery terminal equipment.

(6) Security for the BIRDIE system.

b. This unit is not adaptable to levels 2 and 3.

c. This unit is not adaptable to a type B organization.

d. Teletypewriter operators, when required, may be provided by a team from TOE 11-500.

e. Additional personnel and equipment, if required by the addition of more firing batteries to the defense or by the requirement for a SAGE or manual fire distribution capability, will be authorized by an MTOE under the provisions of AR 310-31.

f. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

g. This detachment depends on the HQ to which attached for administration, mess, medical support, supply, and motor maintenance.

Strength. a. When organized with AN/GSG-6 system:

- Off 5 WO 1 EM 41 Aggr 47
 b. When organized with AN/GSG-5 system:

Off 5 WO 1 EM 42 Aggr 48

Basis of allocation. One per defended area.

Category. II.

Mobility. Fixed. Transportation includes only that required for administrative purposes.

44-725T ADA Bn, Chap/Vulc

Mission. a. To provide air defense for corps and field army combat elements, areas, or installations against attack by low-altitude hostile aircraft.

b. To attack and destroy hostile airborne targets or to nullify or reduce their effectiveness.

Assignment. Normally assigned or attached to an air defense artillery group that supports corps or field army.

Capabilities. a. At level 1, this unit provides—

(1) Air defense against low-altitude hostile aircraft.

(2) Attack of or defense against surface targets with the Vulcan weapon system.

(3) FAAR facilities.

(4) Medical service to include emergency medical treatment, operation of the battalion aid station, evacuation of casualties, provision of aidmen to firing batteries, and supervision of sanitation.

b. This unit is not adaptable to a type B organization.

c. This unit requires personnel administrative support from the personnel service company (TOE 12-67).

d. Individuals of this organization, except the chaplain and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 37 WO 2
 EM 711 Aggr 750

b. Level 2: Off 36 WO 2
 EM 635 Aggr 673

c. Level 3: Off 31 WO 2
 EM 564 Aggr 597

Basis of allocation. To each corps or field army, as required.

Category. I.

Mobility. For tactical movements, 100-percent mobile in organic vehicles.

Components. a. One HHB (TOE 44-726T).

b. Two air defense artillery batteries, Vulcan, towed (TOE 44-727T).

c. Two air defense artillery batteries, Chaparral, self-propelled (TOE 44-328T).

44-726T HHB, ADA Bn, Chap/Vulc

Mission. To provide command and operational control for the battalion.

Assignment. Organic to air defense artillery battalion, Chaparral/Vulcan (TOE 44-725).

Capabilities. a. At level 1, this unit provides—

(1) Command control, staff planning, and supervision of operations.

(2) Radio and wire communications with all elements of the battalion and higher, adjacent, and supported units. Wire may go through the nearest division or army area signal center.

(3) Supply and battery-level organizational maintenance for all battery equipment except RATT, cryptographic, and electronic test equipment, plus battalion-level organizational maintenance for all wheeled and tracked vehicles in the battalion.

(4) Medical service to include emergency medical treatment, operation of the battalion aid station, evacuation of casualties, provision of aidmen to firing batteries, and supervision of sanitation.

(5) FAAR facilities.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except the chaplain and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 13 WO 2
 EM 145 Aggr 160

b. Level 2: Off 12 WO 2
 EM 131 Aggr 145

c. Level 3: Off 11 WO 2
 EM 116 Aggr 129

Basis of allocation. One per air defense artillery battalion, Chaparral/Vulcan (TOE 44-725).

Category. I.

Mobility. For tactical movements, 100-percent mobile in organic vehicles.

44-727T ADA Btry, Vulc, Towed

Mission. a. To provide vital area air defense for forward combat elements, areas, or installations against low-altitude hostile aircraft.

b. To attack and destroy hostile targets on land or water, as required.

c. To provide the Vulcan fire units to the air defense artillery battalion, Chaparral/Vulcan.

Assignment. Organic to air defense artillery battalion, Chaparral/Vulcan (TOE 44-725).

Capabilities. a. At level 1, this unit—

(1) Delivers a high rate of fire from prepared or hasty positions against low-altitude hostile aircraft.

(2) Delivers a high rate of fire from hasty positions against surface targets.

(3) Stores and transports its basic load of ammunition.

(4) Receives early warning and aircraft identification data transmitted from FAAR's.

(5) Provides complete organizational maintenance for the Vulcan fire unit and communica-

tions and battery-level organizational maintenance for wheeled vehicles.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 5 EM 128

Aggr 133.

b. Level 2: Off 5 EM 115

Aggr 120

c. Level 3: Off 4 EM 103

Aggr 107

Basis of allocation. Normally two per air defense artillery battalion, Chaparral/Vulcan (TOE 44-725).

Category. I.

Mobility. For tactical movements, 100-percent mobile in organic vehicles.



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2



3

4



5

CHAPTER 25

PUBLIC INFORMATION UNITS

45-500G Pub Info Fld Svc Org

Mission. To provide press camp services and facilities for accredited media representatives and to perform public information functions in a given area.

Assignment. a. In a theater of operations or other command, appropriate teams are attached or assigned, as required.

b. In time of emergency within CONUS, and its territories or possessions, appropriate teams are attached to the organization involved, on approval of DA.

Capabilities. a. The capabilities of units organized under this TOE will vary with the size and groupings of teams. Capabilities of individual teams are as indicated in the detailed breakdown of team below. These teams—

(1) Provide HQ for administrative control and operational supervision of elements within a type of organization.

(2) Provide personnel or perform information functions for organizations without an organic information section, as required.

b. This unit is not adaptable to levels 2 and 3 or to a type B organization.

c. This unit depends on the organizations to which attached or assigned for administrative, mess, supply, and other service functions not herein provided. Units organized under this TOE require the following support:

(1) Transportation support on a basis of one truck, utility, 1/4-ton, per three news media representatives.

(2) Personnel administrative services from the personnel service company (TOE 12-67).

(3) Finance service support from the finance direct support company (TOE 14-17).

(4) Signal support from TOE 11-500 when the required support is not available from local signal support units or civilian communication sources to establish communications and to provide photographers and photographic facilities.

(5) Mess teams and organizational maintenance support teams, when required, from the appropriate cellular organization.

d. Individuals of this organization can engage in effective, coordinated defense of their area or installation.

e. When attached or assigned to an organization provided an information staff section, teams are under the operational control of the information officer. When attached or assigned to an organization without an organic staff section, the team or teams constitute such a staff section.

Strength. See individual teams below for strengths.

Basis of allocation. Normally one per theater, TASCUM, ASCOM, field army, FASCOM, or other major organizations with an attachment of up to 100 media representatives. Augmented to any major unit without an organic information section when such a capability is required. Allocations of individual teams are as indicated in the detailed breakdown of teams below.

Category. a. When attached or assigned to HQ, theater or army group: III.

b. When attached or assigned to HQ, army, or below: II.

Mobility. The degree of mobility must be computed for each specific combination of teams.

Detailed Breakdown of Teams**Headquarters Team****Team AE, press camp headquarters**

Capabilities. Provides administrative control and operational supervision for a press camp for support of accredited media representatives.

Strength. Off 7 EM 10 Aggr 17

Basis of allocation. One per theater, TASCUM, ASCOM, field army, FASCOM, or other major organizations with an attachment of up to 100 media representatives.

Operations Teams**Teams FA and FB**

Team FA, public information

Capabilities. Supplements organic personnel in the information function or performs this function for organizations not provided organic information section personnel.

Strength. Off 4 EM 9 Aggr 13

Basis of allocation. One per corps, support brigade, COSCOM, or comparable organization.

Team FB, public information

Capabilities. Augments team AE, as required. Augments team FA or provides public information functions for those major units without this capability, as required by the situation.

Strength. Off 2 EM 3 Aggr 5

Basis of allocation. Attached or assigned to field army, corps, division, support command, or support brigade information section, as required; to team AE on the basis of one per increment of 25 media representatives in excess of 100; to major units without an organic information section where such a capability is required by the unit or higher HQ.

45-510G Fld Press Censorship Org

Mission. To discharge U.S. Army responsibilities for field press censorship in a given area.

Assignment. To theater of operations, separate area command, or other command that reports directly to the Joint Chiefs of Staff or to DA; will normally be under the operational control of the chief of information of such command.

Capabilities. a. The capabilities of units organized under this TOE will vary with the size and groupings of teams. Capabilities of individual teams are as indicated in the detailed breakdown of teams below. These teams—

(1) Exercise control and supervision of the activities of operational teams.

(2) Provide field press censorship control over the news material (press traffic) produced by accredited public information media representatives; also over the news material produced by the public information, psychological warfare, and other information-releasing agencies normally contained in a theater of operations.

b. Teams depend on the unit to which attached or assigned for personnel administration, mess, supply, and other service functions not herein provided. Automotive maintenance teams and mess teams, if separate mess facilities are to be provided, will be drawn from 500- and 600-series TOE. Basis for computation of teams required will be the number of personnel to be messed and

the number of vehicle equivalents requiring organizational maintenance.

c. This unit is not adaptable to levels 2 and 3 to a type B organization.

d. Individuals of this organization can engage in effective, coordinated defense of their area or installation.

Strength. See individual teams below for strengths.

Basis of allocation. One or more field press censorship organizations will be allocated per theater or separate command, as required. Allocations of individual teams are as indicated in the detailed breakdown of teams below.

Category. III.

Mobility. The degree of mobility must be computed for each specific combination of teams.

Detailed Breakdown of Teams

Headquarters Teams

Teams AA and AB

Team AA, headquarters

Capabilities. Exercises control and supervision for from one to three operations teams and supplements the activities of the operations teams.

Strength. Off 9 EM 10 Aggr 19

Basis of allocation. One per theater or separate command whenever there are 250 (or major fraction thereof) accredited news media representatives within the command area.

Team AB, headquarters

Capabilities. Exercises control and supervision for four or more operations teams and supplements the activities of the operations teams.

Strength. Off 15 EM 18 Aggr 33

Basis of allocation. One or more per theater or separate command whenever there are more than 250 accredited news media representatives within the command area.

Operational Team

Team BA, operations

Capabilities. Provides field press censorship control over the news material produced by accredited public information media representatives as well as the news material produced by the public information, psychological warfare, and other information-releasing agencies normally contained in a theater of operations.

Strength. Off 13 EM 4 Aggr 17

Basis of allocation. One to three per team AA and three or more per team AB based on one team BA per each 75 news media representatives.

45-520G Comd Pub Info Det

Mission. To provide a medium for dissemination of news, information, education, and entertainment in a theater of operations and to provide alternate means for emergency and command communications.

Assignment. To theater of operations and/or CONUS, as determined by DA and theater commanders.

Capabilities. a. The capabilities of units organized under this TOE will vary with the size and groupings of teams. Capabilities of individual teams are as indicated in the detailed breakdown of teams below. These teams—

(1) Provide HQ for administrative control and operational supervision of elements within a type of organization.

(2) Provide for planning, writing, directing, producing, and disseminating radio information and entertainment.

(3) Provide emergency and command communications.

(4) Provide staff and operate existing information radio facilities in an overseas area.

(5) Operate independent and/or single station operation on a 24-hour-a-day 7-day-a-week basis.

b. This unit is not adaptable to levels 2 and 3 or to a type B organization.

c. Appropriate administrative and logistic functions not herein provided are the responsibility of the commander to whose unit the command public information detachment is assigned or attached.

d. This unit depends on the HQ to which assigned or attached for personnel management, mess support, motor maintenance, and displacement capability.

e. Individuals of this organization can engage in effective, coordinated defense of their area or installation.

f. When attached or assigned to an organization provided an Armed Forces Radio Service network system, operational control will be exercised by the commanding officer of the network. When attached or assigned to an organization without such a network, the team will constitute such an organization.

g. Units organized under this TOE requiring mission-essential equipment (5-kw, AM, trans-portable radio-broadcasting station) may in the interim use commercial equipment until a change is published reflecting the U.S. Army adopted equipment.

Strength. See individual teams below for strengths.

Basis of allocation. As required to augment present Armed Forces radio stations. Normally one command public information detachment (radio station) per field army. Allocations for individual teams are as indicated in the detailed breakdown of teams below.

Category. III.

Mobility. The degree of mobility must be computed for each specific combination of teams.

Detailed Breakdown of Teams Headquarters and Administrative Team

Team AA, station management and administration

Capabilities. Provides administrative control and operational supervision for from three to nine operational teams.

Strength. Off 2 EM 5 Aggr 7

Basis of allocation. One per three to nine operational teams, formed as not more than three command public information detachments (radio stations) organized under this TOE, with a combined strength of not less than 29 or more than 173 personnel.

Operational Teams Teams FA—FC

Team FA, radio programing

Capabilities. Prepares information, education, and entertainment programs for live, taped, and remote radio broadcast to select U.S. and allied troop units.

Strength. Off 2 EM 10 Aggr 12

Basis of allocation. One or more per team AA, as required, to staff command public information detachment (radio station).

Team FB, radio news

Capabilities. Collects; prepares for broadcast; and, when required, broadcasts news and public affairs programs in cooperation with team FA. Serves one or more closely related command public information detachments (radio stations) serving the same command.

Strength. Off 1 EM 3 Aggr 4

Basis of allocation. One or more per team AA, as required.

Team FC, radio station engineering

Capabilities. Provides technical and audio spe-

cialist support to team FA for operation of a command public information detachment (radio station).

Strength. Off 1 EM 5 Aggr 6

Basis of allocation. One per team FA.

CHAPTER 26

FIELD ARMY, CORPS, AND SUPPORT COMMANDS

51-1G HHC, Army

Mission. To command all assigned and attached units.

Assignment. To theater or army group.

Capabilities. a. At level 1, this unit provides command, staff planning, control, administration, and supervision for operations of the army and control of all elements forward of the army rear boundary.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) The personnel service company (TOE 12-67) for personnel administration services.

(2) The finance direct support company (TOE 14-17) for finance service.

(3) The engineer brigade, army (TOE 5-101), for engineer support.

(4) The army signal brigade (TOE 11-102) for signal support.

(5) The air defense artillery brigade (TOE 44-2) for air defense support.

d. Individuals of this organization, except medical and chaplain personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 248 WO 4
EM 411 Aggr 663

b. Level 2: Off 237 WO 4
EM 355 Aggr 596

c. Level 3: Off 229 WO 4
EM 300 Aggr 533

Basis of allocation. One per army.

Category. II.

Mobility. Twenty-percent mobile

Remarks. Changes No. 1, adding an assistant chief of staff, communications-electronics section, forwarded to TAG for publication and distribution at the time of preparation of this manual.

52-1D HQ, Corps or Abn Corps

Mission. a. To command all assigned corps troops.

b. To command all assigned and attached elements when operating independently.

Assignment. To field army.

Capabilities. a. At full strength, this unit has the following capabilities:

(1) Provides command, staff planning, control, and supervision for operations of the corps. Also provides administration for assigned corps troops when operating independently and administration for all corps elements, attached or assigned.

(2) Lands by parachute or aircraft when organized as an airborne corps.

b. This unit is not adaptable to a type B organization.

c. Augmentation of certain special staff sections is provided to allow functional expansion under extended operational conditions. (Corps: Off 51 ANC 1 EM 73 Aggr 125; airborne corps: Off 52 ANC 1 EM 74 Aggr 127)

d. This unit depends on the HQ company (TOE 52-2) for mess, supply, and organizational maintenance.

e. Individuals of this unit, except chaplain and medical personnel, can fight as infantrymen, when required. The unit can defend itself and its installations against hostile ground attack.

Strength. a. Full: Off 108 WO 2
EM 143 Aggr 253

b. Reduced: Off 83 WO 2
EM 118 Aggr 203

Basis of allocation. One per corps or airborne corps.

Category. II.

Mobility. Fixed.

Remarks. This unit will be replaced by HHC, corps or airborne corps (TOE 52-1G), when published.

52-1T HHC, Corps or Abn Corps

Mission. a. The HQ.

(1) To command all assigned corps troops.

(2) To command all assigned and attached elements when operating independently.

b. The HQ company. To provide personnel and administrative support for the HQ.

Assignment. To field army.

Capabilities. a. At full strength, this unit has the following capabilities:

(1) The HQ provides command, staff planning, control, and supervision for operations of the corps. The HQ also provides administration for assigned corps troops; and, when operating independently, administration for all corps elements, attached or assigned.

(2) The HQ company provides administration, supply, maintenance, mess, and unit-level medical service support for the corps HHC.

(3) Can land by parachute or aircraft when organized as an airborne corps.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) The quartermaster air delivery company (TOE 10-407) for quartermaster equipment requirements for the corps HQ.

(2) Attached nondivisional units, when organized as an airborne corps.

(3) The personnel service company (TOE 12-67) for personnel administrative services.

d. Augmentations provide for—

(1) A quartermaster air delivery team, when organized as an airborne corps. (Off 1 EM 2 Aggr 3)

(2) The air defense staff personnel and equipment required in the absence of an army air defense group or brigade HQ. (Off 16 EM 26 Aggr 42)

(3) The required increase in medical staff personnel when the corps operates on an independent basis. (Off 8 ANC 1 EM 3 Aggr 12)

(4) Engineer personnel and equipment when an engineer brigade is not assigned. (Off 7 EM 8 Aggr 15)

e Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. When organized as standard corps:

- (1) Full: Off 95 WO 4
EM 148 Aggr 247
- (2) Reduced: Off 64 WO 4
EM 109 Aggr 177

b. When organized as airborne corps:

- (1) Full: Off 95 WO 4
EM 148 Aggr 247

- (2) Reduced: Off 63 WO 4
EM 110 Aggr 177

Basis of allocation. One per corps or airborne corps.

Category. II.

Mobility. Fixed.

Remarks. This unit will be replaced by HHC, corps or airborne corps (TOE 52-1G), when published.

52-1G (FPTOE) HHC, Corps or Abn Corps

Mission. a. The HQ.

(1) To command all assigned corps troops.

(2) To command all assigned and attached elements when operating independently.

b. The HQ company. To provide personnel and administrative support for the HQ.

Assignment. To field army.

Capabilities. a. At level 1, this unit has the following capabilities:

(1) The HQ provides command, staff planning, control, and supervision for operations of the corps. The HQ also provides administration for assigned corps troops; and, when operating independently, administration for all corps elements, attached or assigned.

(2) The HQ company provides administration, supply, maintenance, mess, and unit-level medical service support for the corps HHC.

(3) Can land by aircraft; also can land by parachute when organized as an airborne corps.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) The finance direct support company (TOE 14-17) for finance service.

(3) The engineer brigade, corps or airborne corps (TOE 5-101), for engineer support.

(4) The air defense artillery group (TOE 44-12) for air defense support.

(5) The transportation car company (TOE 55-19) for administrative transportation.

(6) The corps signal battalion (TOE 11-15), when organized as standard corps, and the airborne corps signal battalion (TOE 11-225), when organized as airborne corps, for communication support.

(7) The HHD, signal group (TOE 11-122); the corps signal battalion (TOE 11-15); the signal army area battalion (TOE 11-85) (one each);

the signal operations company, medium HQ (TOE 11-127) (one each); and the signal support company (TOE 11-117) (one each) for communication support when operating as an independent corps.

(8) The quartermaster air delivery company (TOE 10-407) for quartermaster air equipment requirements for the corps HQ and attached non-divisional units, when organized as an airborne corps.

d. Assignment of personnel for primary duty in the tactical operations center is at the discretion of the commander.

e. Individuals of this organization, except medical and chaplain personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. When organized as standard corps:

- (1) Level 1: Off 98 WO 4
EM 154 Aggr 256
- (2) Level 2: Off 96 WO 4
EM 131 Aggr 231
- (3) Level 3: Off 90 WO 4
EM 112 Aggr 206

b. When organized as airborne corps:

- (1) Level 1: Off 99 WO 4
EM 155 Aggr 258
- (2) Level 2: Off 97 WO 4
EM 131 Aggr 232
- (3) Level 3: Off 90 WO 4
EM 114 Aggr 208

Basis of allocation. One per corps or airborne corps.

Category. II.

Mobility. a. Standard corps. For tactical movements, 20-percent mobile in organic vehicles. When the unit displaces, additional general-purpose transportation is required for 18 tons of supplies and equipment and 207 personnel; 3,200 cubic feet of supplies and equipment cannot be moved with organic vehicles.

b. Airborne corps. For tactical movements, 15-percent mobile in organic vehicles and 100-percent air transportable in transport aircraft. When the unit displaces by land transport, additional general-purpose transportation is required for 21 tons of supplies and equipment and 216 personnel; 3,700 cubic feet of supplies and equipment cannot be moved with organic vehicles.

Remarks. FPTOE 52-1G forwarded to TAG, 20 November 1968, for publication and distribu-

tion. When published, this unit will replace HQ, corps or airborne corps (TOE 52-1D); HQ company, corps or airborne corps (TOE 52-2D); and HHC, corps or airborne corps (TOE 52-1T).

52-2D HQ Co, Corps or Abn Corps

Mission. To provide service support for HQ, corps.

Assignment. To corps or airborne corps (TOE 52-1).

Capabilities. a. At full strength, this unit has the following capabilities:

(1) Provides mess, organizational maintenance, and supply for corps HQ.

(2) Lands by parachute or aircraft when organized as HQ company, airborne corps.

(3) The medical detachment provides medical service to include emergency medical treatment, operation of the corps aid station, evacuation of casualties, and supervision of sanitation.

b. This unit is not adaptable to a type B organization.

c. When augmented, this unit provides mess and supply facilities for an expanded special staff at corps HQ. (EM 3)

d. Individuals of this unit, except medical personnel, can fight as infantrymen, when required. The unit can defend itself and its installations against hostile ground attack.

Strength. a. Full Off 11 WO 2
EM 62 Aggr 75

b. Reduced: Off 11 WO 2
EM 54 Aggr 67

Basis of allocation. One per corps or airborne corps.

Category. II.

Mobility. One hundred-percent mobile.

Remarks. This unit will be replaced by HHC, corps or airborne corps (TOE 52-1G), when published.

54-2D HHD, LOGCOMD A

Mission. To command an integrated organization with a total strength of from 9,000 to 15,000 men.

Assignment. Normally to theater army or oversea command.

Capabilities. a. At full strength, this unit provides the organizational structure and a nucleus of a minimum number of trained logisticians and

administrative personnel to provide the HQ, LOGCOMD, for—

(1) A BALOG.

(2) An ADLOG.

(3) A LOGCOMD in support of a major independent force of one reinforced division.

(4) Administration and rehabilitation of an area in which civil means are inadequate because of natural disaster or enemy action.

b. This unit is not adaptable to a type B organization.

c. When augmentation is authorized, the director of civil affairs (Off 1 EM 1 Aggr 2), the comptroller (Off 1 EM 5 Aggr 6), and the dental surgeon (Off 1 EM 2 Aggr 3) provide staff supervision over civil affairs, comptroller, and dental activities respectively.

d. Individuals of this unit, except chaplain and medical personnel, can fight as infantrymen, when required. The unit can defend itself and its installations against hostile ground attack.

Strength. a. Full: Off 63 WO 1
EM 128 Aggr 192

b. Reduced: Off 50 WO 1
EM 108 Aggr 159

Basis of allocation. As required; normally one for the support of a force of approximately 30,000 troops.

Category. III.

Mobility. Fixed.

Remarks. TOE 54-2D will be replaced by a TASTA-70 organization.

54-12T HQ and Sp Trps, FASCOM

Mission. a. To command, control, and supervise all assigned or attached units.

b. To plan for, to develop implementing policies and procedures on, and to supervise provision of combat service support to the field army (less replacements and chemical, signal, and engineer services other than supply and maintenance), including matters such as determining requirements for and recommending allocation of units, material, and personnel.

c. To exercise territorial control over the field army service area to include responsibility for RAP activities.

d. To coordinate combat service support operational matters with the supporting HQ in the COMMZ or base area.

Assignment. To field army.

Capabilities. a. At full strength, this unit—

(1) Provides command, staff planning, con-

trol, administration, and supervision for all assigned or attached units.

(2) Plans for and supervises provision of combat service support to the field army (less replacements and chemical, signal, and engineer services other than supply and maintenance).

(3) Exercises territorial control over the field army service area to include responsibility for RAP activities.

(4) Advises the army commander and his staff on matters falling within the FASCOM area of operational responsibilities.

(5) Coordinates operational matters with supporting commanders.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) The HHC, medical brigade (TOE 8-112), for medical service special staff planning and advice.

(2) The transportation car company (TOE 55-19) for daily administrative motor transport services.

(3) The signal operations company, medium HQ (TOE 11-127), for communication services.

(4) The military police company (TOE 19-37) for traffic control, identification and control of personnel, and internal security for the HQ.

(5) The personnel service company (TOE 12-67) for administrative services.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Full: Off 145 WO 2
EM 245 Aggr 392

b. Reduced: Off 115 WO 2
EM 205 Aggr 322

Basis of allocation. One per field army.

Category. II.

Mobility. Twenty-five-percent mobile.

Remarks. This unit will be replaced by HHC and special troops, FASCOM (TOE 54-12G), when published.

54-12G (FPTOE) HHC and Sp Trps, FASCOM

Mission. a. To command, control, and supervise all assigned and attached units.

b. To plan and direct the provision of combat service support (less construction), through its functional control centers and subordinate operating commands, to Army forces in the field army and to other forces, as designated.

c. To plan, coordinate, and supervise physical security and RAP activities within the field army service area.

d. To provide staff advice and planning assistance to the field army commander on combat service support activities.

Assignment. To field army.

Capabilities. a. At level 1, this unit—

(1) Provides command, control, administration, and supervision for assigned and attached units.

(2) Develops overall plans and policies for combat service support to field army forces and other forces, as designated.

(3) Determines combat service support requirements for the forces supported and recommends priorities and allocations to field army HQ.

(4) Coordinates and exercises management control over combat service support activities of its subordinate commands.

(5) Develops and provides policies, guidance, priorities, and allocations to subordinate commands.

(6) Plans, coordinates, and supervises physical security and RAP activities within the field army service area.

(7) Coordinates combat service support activities with the supporting logistic base.

(8) Advises the field army commander and his staff on matters falling within the FASCOM area of responsibility.

b. This unit is not adaptable to a type B organization.

c. When the mission to be performed or the workload imposed on this unit exceeds the capabilities indicated above, the additional capabilities required must be provided from appropriate cellular teams of the 500- and 600-series TOE or by the establishment of an MTOE under the provisions of AR 310-31.

d. This unit depends on—

(1) The transportation car company (TOE 55-19) for daily administrative motor transport services.

(2) The signal operations company, medium HQ (TOE 11-127), for communication services.

(3) The military police company (TOE 19-77) for traffic control, identification and control of personnel, and physical security for the HQ.

(4) The finance direct support company (TOE 14-17) for finance services.

(5) The personnel service company (TOE 12-67) for personnel administrative services.

(6) The military intelligence company, counterintelligence (TOE 30-28), for personnel security, counterespionage, countersabotage, and countersubversion support.

(7) A data processing unit for automatic data processing support.

e. Individuals of this organization, except chaplains, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 167 WO 4
EM 262 Aggr 433

b. Level 2: Off 155 WO 4
EM 233 Aggr 392

c. Level 3: Off 137 WO 4
EM 205 Aggr 346

Basis of allocation. One per field army.

Category. II.

Mobility. For tactical movements, 20-percent mobile in organic vehicles. When the unit displaces, additional general-purpose transportation is required for 60 tons of supplies and equipment and 396 personnel; 8,570 cubic feet of supplies and equipment cannot be moved with organic vehicles.

Remarks. FPTOE 54-12G approved for publication by ACSFOR, DA, at the time of preparation of this manual. When published, this unit will replace HQ and special troops, FASCOM (TOE 54-12T). This final plan TOE does not include an automatic data processing section, as visualized in the TASTA-70 study.

54-22T HHC, Spt Bde

Mission. To command, control, and supervise assigned direct support and general support groups and other designated units operating in the corps area or field army service area.

Assignment. To FASCOM or to division or corps for an independent division or corps operation.

Capabilities. a. At full strength, this unit provides the organizational structure to command assigned troops and other designated units operating in the corps for field army service area.

b. This unit is not adaptable to a type B organization.

c. When augmented—

(1) The flight support section provides light military aircraft, when required, for command, staff supervision, and liaison activities. (Off 1 WO 2 EM 4 Aggr 7)

(2) Independent division force (Off 9 EM 9 Aggr 18) and independent corps force (Off 29 WO 1 EM 50 Aggr 80) provide the additional personnel and equipment required when the unit is employed as the combat service support HQ for independent division or corps force.

d. This unit depends on—

(1) The HHC, medical group (TOE 8-122), for medical service special staff planning and advice.

(2) The transportation car company (TOE 55-19) for daily administrative motor transport services.

(3) The signal operations small HQ company (TOE 11-147) for communication services.

(4) The military police company (TOE 19-37) for traffic control, identification and control of personnel, and internal security for the HQ.

(5) The personnel service company (TOE 12-67) for personnel administrative services.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Full: Off 47 WO 1
EM 129 Aggr 204
b. Reduced: Off 65 WO 1
EM 113 Aggr 179

Basis of allocation. As required; normally one per corps area and one per army service area.

Category. II.

Mobility. Thirty-five-percent mobile.

Remarks. This unit will be replaced by HHC, army support brigade, corps support brigade, or COSCOM (TOE 54-22G), when published.

**54-22G (FPTOE) HHC, Army Spt Bde
HHC, Corps Spt Bde
HHC, COSCOM**

Mission. a. To command, control, and supervise all assigned and attached units.

b. To plan and direct the provision of specified combat service support, through its functional control centers and subordinate operating commands, to Army forces in the field army service area or corps area and to other forces, as designated.

c. To plan, coordinate, and supervise physical security and RAP activities when employed in the army service area and to assist the corps in RAP activities when employed in support of a corps.

d. To provide staff advice and planning assist-

ance to the FASCOM and supported tactical commander on combat service support activities.

Assignment. To HQ, FASCOM, on the basis of one per army service area, one per supported corps, and one per independent corps or independent division force.

Capabilities. a. At level 1, this unit—

(1) Provides command, control, administration, and supervision for assigned and attached units.

(2) Develops overall plans and policies for specified combat service support to supported forces.

(3) Determines combat service support requirements for the forces supported and recommends priorities and allocations to higher HQ.

(4) Develops and provides policies, guidance, priorities, and allocations to subordinate units.

(5) Coordinates and exercises management control over its subordinate units and elements as follows:

Function	When unit is employed as—		
	Support Corps	brigade Army	Support for independent corps or division force
Ammunition -----	X		X
Chaplain -----	X	X	X
Civil affairs -----			X
Comptroller services -----	X	X	X
Judge advocate services -----	X	X	X
Maintenance -----	X	X	X
Medical -----			X
Military police -----	X		X
Personnel and administrative --	X	X	X
Supply -----	X	X	X
Transportation -----	X		X

(6) Plans, coordinates, and supervises physical security and RAP activities when employed in the army service area and assists the corps in RAP activities when employed in support of a corps.

(7) Coordinates combat service support activities with supporting logistic units.

(8) Advises the FASCOM and supported tactical commander on combat service support activities.

b. This unit is not adaptable to a type B organization.

c. When employed to support an independent corps or independent division force, the required civil affairs staff element must be provided from TOE 41-500.

d. When the mission to be performed or the workload imposed on this unit exceeds the capa-

bilities indicated above, the additional capabilities required must be provided from appropriate cellular teams of the 500- and 600-series TOE or by the establishment of an MTOE under the provisions of AR 310-31.

e. This unit depends on—

(1) The transportation car company (TOE 55-19) for administrative transportation.

(2) The signal small HQ operations company (TOE 11-127) for communication service.

(3) The military police company (TOE 19-77) for traffic control, identification and control of personnel, and physical security for the HQ.

(4) The personnel service company (TOE 12-67) for personnel administrative services.

(5) A data processing unit for data processing requirements.

(6) The military intelligence company, counterintelligence (TOE 30-28), for personnel security, counterespionage, countersabotage, and countersubversion support.

(7) The finance direct support company (TOE 14-17) for financial services.

f. Individuals of this organization, except chaplains, can engage in effective, coordinated defense of the unit's area or installation.

Strength. *a.* When organized as HHC, army support brigade:

- (1) Level 1: Off 88 WO 2
EM 165 Aggr 255
- (2) Level 2: Off 87 WO 2
EM 140 Aggr 229
- (3) Level 3: Off 79 WO 2
EM 123 Aggr 204

b. When organized as HHC, corps support brigade or COSCOM:

- (1) Level 1: Off 95 WO 2
EM 175 Aggr 272
- (2) Level 2: Off 94 WO 2
EM 149 Aggr 245
- (3) Level 3: Off 86 WO 2
EM 131 Aggr 219

Basis of allocation. As required; normally one per army service area, one per corps area, and one per independent corps or division force.

Category. II.

Mobility. *a.* Army support brigade. For movements, 20-percent mobile in organic vehicles. When the unit displaces, additional general-purpose transportation is required for 53.9 tons of supplies and equipment and 225 personnel; 7,363

cubic feet of supplies and equipment cannot be moved with organic vehicles.

b. Corps support brigade. For movements, 20-percent mobile in organic vehicles. When the unit displaces, additional general-purpose transportation is required for 56.2 tons of supplies and equipment and 240 personnel; 7,767 cubic feet of supplies and equipment cannot be moved with organic vehicles.

c. COSCOM. Twenty-percent mobile. Mobility subject to change on augmentation.

Remarks. FPTOE 54-22G approved for publication by ACSFOR, DA, at the time of preparation of this manual. When published, this unit will replace HHC, support brigade (TOE 54-22T). This final plan TOE does not include an automatic data processing section, as visualized in the TASTA-70 study.

54-102D HHD, LOGCOMD B

Mission. To command an integrated organization with a total strength of from 35,000 to 60,000 men.

Assignment. Normally to theater army or oversea command.

Capabilities. *a.* At full strength, this unit provides the organizational structure and a nucleus of a minimum number of trained logisticians and administrative personnel to provide the HQ, LOGCOMD, for—

(1) A BALOG.

(2) An ADLOG.

(3) A LOGCOMD in support of a major independent force of one corps.

(4) Administration and rehabilitation of an area in which civil means are inadequate because of natural disaster or enemy action.

b. This unit is not adaptable to a type B organization.

c. When augmentation is authorized, the director of civil affairs (Off 3 EM 2 Aggr 5), the comptroller (Off 4 EM 6 Aggr 10), and the dental surgeon (Off 1 EM 2 Aggr 3) provide staff supervision over civil affairs, comptroller, and dental activities respectively.

d. Individuals of this unit, except chaplain and medical personnel, can fight as infantrymen, when required. The unit can defend itself and its installations against hostile ground attack.

Strength. *a.* Full: Off 125 ANC 1
WO 2 EM 200 Aggr 328

b. Reduced: Off 97 ANC 1
WO 2 EM 164 Aggr 264

Basis of allocation. As required; normally one for the support of a force of approximately 100,000 troops.

Category. III.

Mobility. Fixed.

Remarks. TOE 54-102D will be replaced by a TASTA-70 organization.

54-202D HHC, LOGCOMD C

Mission. To command an integrated organization with a total strength of from 75,000 to 150,000 men.

Assignment. Normally to theater army or oversea command.

Capabilities. a. At full strength, this unit provides the organizational structure and a nucleus of a minimum number of trained logisticians and administrative personnel to provide the HQ, LOGCOMD, for—

(1) A TALOG.

(2) A BALOG.

(3) An ADLOG.

(4) A LOGCOMD in support of a major independent force of four or more divisions.

(5) Administration and rehabilitation of an area in which civil means are inadequate because of natural disaster or enemy action.

b. This unit is not adaptable to a type B organization.

c. When augmentation is authorized, the comptroller (Off 5 EM 9 Aggr 14) and the dental surgeon (Off 2 EM 2 Aggr 4) provide supervision over comptroller and dental activities respectively.

d. Individuals of this unit, except chaplain and medical personnel, can fight as infantrymen, when required. The unit can defend itself and its installations against hostile ground attack.

Strength. a. Full: Off 187 WO 2
EM 319 Aggr 508

b. Reduced: Off 152 WO 2
EM 247 Aggr 401

Basis of allocation. As required; normally one for the TALOG and one for each ADLOG and each BALOG.

Category. III.

Mobility. Fixed.

Remarks. TOE 54-202D will be replaced by a TASTA-70 organization.

54-302T HHC and Sp Trps, TASCAM

Mission. a. To command, control, and supervise all assigned and attached units.

b. To plan and direct the provision of combat service support, through its subordinate operating commands, to Army forces in a theater of operation and to other forces, as designated.

c. To plan and direct the provision of RAP within the COMMZ.

d. To provide staff advice and planning assistance to the theater army commander on combat service support activities.

Assignment. To theater army.

Capabilities. a. At level 1, this unit—

(1) Provides command, control, administration, and supervision for assigned and attached units.

(2) Develops and provides broad policies and planning guidance.

(3) Develops and recommends priorities and allocations in coordination with the related tactical HQ of the theater.

(4) Coordinates and exercises broad management control over combat service support activities of its subordinate commands.

(5) Plans and directs the provision of RAP within the COMMZ.

(6) Advises the theater army commander and his staff on matters falling within the TASCAM area of responsibility.

(7) Performs organizational maintenance on organic equipment.

b. This unit is not adaptable to a type B organization.

c. When the mission to be performed or the workload imposed on this unit exceeds the capabilities indicated above, the additional capabilities required must be provided from appropriate cellular teams of the 500- and 600-series TOE or by the establishment of an MTOE under the provisions of AR 310-31.

d. This unit depends on—

(1) The transportation car company (TOE 55-19) for daily administrative motor transport services.

(2) The signal operations company, medium HQ (TOE 11-127), for communication services.

(3) The military police company (TOE 19-77) for traffic control, identification and control of personnel, and internal security for the HQ.

(4) The personnel service company (TOE 12-67) for personnel administrative services.

(5) The aviation service support company (TOE 1-407) for air transport required for command, control, and liaison activities of the unit.

e. Individuals of this organization, except chaplain and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 201 WO 4
EM 299 Aggr 504
b. Level 2: Off 183 WO 4
EM 266 Aggr 453
c. Level 3: Off 161 WO 4
EM 237 Aggr 402

Basis of allocation. One per theater army.

Category. III.

Mobility. Fifteen-percent mobile.

Remarks. TOE 54-302T based on the TAS-
TA-70 concept.

54-312T HQ and Sp Trps, SMCOM

Mission. a. To provide depot supply and maintenance support for U.S. forces and such other forces as may be directed.

b. To perform theater inventory control for supplies.

c. To receive, store, and issue theater stocks of supplies.

d. To repair unserviceable items for return to theater stockage.

e. To perform local procurement of supplies and to provide services for which responsibility is assigned.

f. To perform theater maintenance management functions for the TASCOC.

Assignment. To TASCOC.

Capabilities. a. At level 1, this unit—

(1) Provides command, staff planning, control, administration, and supervision for all assigned or attached units.

(2) Plans for and supervises provision of depot support supply and maintenance, less medical, to include procurement and property disposal, in support of theater army and other designated forces.

(3) Advises the TASCOC commander and his staff on matters falling within the supply and maintenance area of combat service support responsibilities.

(4) Coordinates with other mission command HQ.

(5) Develops and provides broad policies and planning guidance relative to supply, field service, and maintenance matters.

(6) Develops and recommends priorities and allocations of supply and maintenance activities

in coordination with related tactical and support HQ of the theater.

(7) Can operate on a two-shift basis.

(8) Performs company- and battalion-level organizational maintenance on organic vehicles and power units.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. This unit depends on—

(1) The transportation car company (TOE 55-19) for daily administrative motor transport service.

(2) The signal operations company, medium HQ (TOE 11-127), for communication services.

(3) The military police company (TOE 19-77) for traffic control, identification and control of personnel, and internal security for the HQ.

(4) The personnel service company (TOE 12-67) for personnel administrative services.

(5) The TASCOC MEDCOM for medical service staff assistance and unit-level medical service.

(6) The aviation service support company (TOE 1-407) for aviation service support.

d. Individuals of this organization, except chaplains, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 137 WO 3
EM 222 Aggr 362
b. Level 2: Off 129 WO 3
EM 197 Aggr 329
c. Level 3: Off 106 WO 3
EM 181 Aggr 290

Basis of allocation. One per TASCOC.

Category. III.

Mobility. Fixed.

Remarks. TOE 54-312T based on the TAS-
TA-70 concept.

54-402T HHC and Sp Trps, ASCOM

Mission. a. To command, control, and supervise all assigned and attached units.

b. To plan and direct the provision of direct support services (less medical and ammunition) on an area basis, through its subordinate groups, to mission commands and other units in the COMMZ, as designated.

c. To plan, coordinate, and supervise intelligence, physical security, and RAP activities within the COMMZ.

d. To develop and to provide subordinate units

missions, policies, guidance, priorities, and allocations for direct support services.

Assignment. To TASCOM.

Capabilities. a. At level 1, this unit—

(1) Provides command, control, administration, and supervision for assigned and attached units.

(2) Develops and provides policies and planning guidance.

(3) Develops and provides priorities and allocations for direct support services in accordance with the policies and directives of higher HQ.

(4) Coordinates and exercises management control over combat service support activities of its subordinate units.

(5) Plans, coordinates, and supervises intelligence, physical security, and RAP activities within the COMMZ.

(6) Advises the TASCOM commander, his staff, and other mission commands on matters falling within the ASCOM area of responsibility.

(7) Performs organizational maintenance on organic arms, vehicles, and power units.

(8) Performs battalion-level maintenance on organic vehicles and power units.

b. When the mission to be performed or the workload imposed on this unit exceeds the capabilities indicated above, the additional capabilities required must be provided from appropriate cellular teams of the 500- and 600-series TOE or by the establishment of an MTOE under the provisions of AR 310-31.

c. This unit is not adaptable to a type B organization.

d. This unit depends on—

(1) The MEDCOM for medical service advice and services.

(2) The transportation car company (TOE 55-19) for daily administrative motor transport services.

(3) The signal operations company, medium HQ (TOE 11-127), for communication services.

(4) The military police company (TOE 19-77) for traffic control, identification and control of personnel, and internal security for the HQ.

(5) The personnel service company (TOE 12-67) for personnel administrative service.

(6) The aviation service support company (TOE 1-407) for air transport required for command, control, and liaison activities of the unit.

e. Individuals of this organization, except chap-

lains, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 129 WO 4
EM 252 Aggr 385

b. Level 2: Off 122 WO 4
EM 223 Aggr 349

c. Level 3: Off 110 WO 3
EM 198 Aggr 311

Basis of allocation. One per TASCOM.

Category. III.

Mobility. Fifteen-percent mobile.

Remarks. TOE 54-402T based on the TASTA-70 concept.

54-422G (FPTOE) HHC, Area Spt Gp

Mission. a. To command, control, and supervise all assigned and attached units.

b. To plan and direct the provision of direct support supply, maintenance, and services (less medical and ammunition support and centralized personnel and administrative services) on an area basis to TASCOM units in a designated portion of the COMMZ.

c. To plan coordinate, and supervise intelligence, physical security, EOD, and RAP activities within a designated portion of the COMMZ.

d. To establish and direct the operation of cantonment-type facilities and provision of installation services for support of tactical and support units that are deployed and operate out of a semi-fixed base area to include an area common to an internal defense and internal development operational environment.

e. To provide cryptologic support for a designated portion of the COMMZ.

Assignment. To TASCOM or other appropriate major commands; normally attached to HHC and special troops, ASCOM (TOE 54-402).

Capabilities. a. At level 1, this unit—

(1) Provides command, staff planning, control, coordination, direction, and supervision over the operations, employment, administration, and training of units assigned or attached. These may include—

(a) One HHD, military police battalion (TOE 19-500).

(b) One military police company (TOE 19-77).

(c) One army band (TOE 12-107).

(d) One finance direct support company (TOE 14-17).

(e) One Army Post Office (TOE 12-550).

(f) One HHD, maintenance battalion (TOE 29-136).

(g) Three maintenance support companies (COMMZ) (TOE 29-427).

(h) One aircraft maintenance company, direct support (TOE 55-457).

(i) One transportation car company (TOE 55-19).

(j) One transportation light-medium truck company (TOE 55-67).

(k) One sales detachment (TOE 10-500).

(l) One HHC, supply and service battalion (TOE 29-146).

(m) One supply and service company (TOE 29-147).

(n) One special services detachment (TOE 12-18).

(o) One mess detachment (TOE 29-500).

(p) One decontamination team (TOE 3-500).

(q) One military police counterintelligence detachment (TOE 19-500).

(r) One signal operations company, medium HQ (TOE 11-127).

(s) One EOD detachment (TOE 9-520).

(t) One military intelligence company, counterintelligence (TOE 30-67).

(u) Labor service teams (TOE 20-20), as required.

(v) Engineer installation support teams (TOE 5-500, TOE 5-510, TOE 5-520, and TOE 5-530), as required.

(2) Plans and directs the provision of direct support supply, maintenance, and services (less medical and ammunition support and centralized personnel and administrative services) on an area basis to TASCOM units and other units in a designated portion of the COMMZ.

(3) Plans, directs, and supervises the establishment and operation of cantonment-type facilities and provision of installation services for support of tactical and support units that are deployed and operate out of a semifixed base area to include any area common to an internal defense and internal development operational environment.

(4) Plans, coordinates, and supervises intelligence, physical security, EOD, and RAP activities within a designated portion of the COMMZ.

(5) Commands RAP forces when activated and integrates and supports tactical resources when committed to RAP missions.

(6) Provides cryptologic support for a maximum of 30,000 troops as follows:

(a) Direct support supply for communication security devices, classified repair parts, and paper aids (to include the reproduction of multi-lith master copies of key lists, operations and numeral codes, and authentication systems).

(b) Operates the issue and accounting office of record for cryptomaterial in the possession of supported units.

(c) One mobile direct support maintenance team to service, on an area basis, all supported units except those authorized an organic direct support cryptomaterial maintenance capability.

(d) One mobile general support maintenance team to service, on an area basis, all supported units, including units authorized an organic support cryptomaterial maintenance capability.

b. This unit is not adaptable to a type B organization.

c. When the mission to be performed or the workload imposed on this unit exceeds the capabilities indicated above, the additional capabilities required must be provided from appropriate cellular teams of the 500- and 600-series TOE or by the establishment of an MTOE under the provisions of AR 310-31.

d. This unit depends on—

(1) The MEDCOM for medical service advice and services.

(2) The transportation car company (TOE 55-19) for daily administrative motor transport services.

(3) The signal small HQ operations company (TOE 11-147) for communication services.

(4) The military police company (TOE 19-77) for traffic control, identification and control of personnel, and physical security for the HQ.

(5) The personnel service company (TOE 12-67) for personnel administrative services.

(6) The finance direct support company (TOE 14-17) for finance services.

(7) The aviation service support company (TOE 1-407) for air transport required for command, control, and liaison activities of the unit.

e. Individuals of this unit, except chaplains, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 59 WO 4

EM 149 Aggr 212

- b. Level 2: Off 57 WO 4
EM 134 Aggr 195
- c. Level 3: Off 51 WO 4
EM 119 Aggr 174

Basis of allocation. One per 15,000 troops to be supported.

Category. III.

Mobility. Twenty-five-percent mobile.

Remarks. FPTOE 54-422G at TAG for publication and distribution at the time of preparation of this manual. This final plan TOE is based on the TASTA-70.

CHAPTER 27

TRANSPORTATION UNITS

55-2T HHC, TRANSCOM

Mission. a. To command and control transportation units and other assigned or attached unit required to operate the TASCOM transportation service.

b. To provide staff assistance to the TASCOM assistant of staff, movements, for TASCOM-level transportation plans, policies, and procedures.

c. To coordinate transportation service support matters with other U.S. forces, TASCOM major commands, FASCOM's, and host and allied nations.

d. To control indigenous transportation resources allocated to the TASCOM transportation service.

e. As directed by TASCOM, to coordinate transportation operations with CONUS transportation agencies to insure interface of CONUS and theater transport and movement procedures.

Assignment. To TASCOM.

Capabilities. a. At level 1, this unit—

(1) Commands and supervises the activities of all transportation HQ units and other assigned or attached units operating the TASCOM transportation service required in support of a typical field army.

(2) Provides staff planning and coordination for transportation combat service support activities, as assigned by TASCOM.

(3) Provides liaison with other U.S. forces, TASCOM major commands, FASCOM's, and host and allied nations, as directed by TASCOM.

(4) Controls, through its subordinate HQ, the indigenous transportation resources allocated the TASCOM transportation service.

b. This unit is not adaptable to a type B organization.

c. When authorized and directed by the TASCOM commander, this HQ negotiates contracts for local national transportation services such as motor, rail, and inland waterway transport and terminal services. Contracting teams from the TOE 55-500 series must be attached for negotiating contracts.

d. This unit depends on—

(1) The servicing personnel activity for personnel administration.

(2) The signal small HQ operations company (TOE 11-147), for internal communication support.

(3) The MEDCOM for staff assistance and medical service.

(4) The aviation service support company (TOE 1-407) for air transport required for command, control, and liaison activities of the command.

(5) The attachment of appropriate comptroller teams (TOE 14-500) during prolonged noncombat periods.

e. Individuals of this organization, except chaplain, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 80 WO 2
EM 183 Aggr 265

b. Level 2: Off 80 WO 2
EM 158 Aggr 240

c. Level 3: Off 77 WO 2
EM 138 Aggr 212

Basis of allocation. One per TASCOM.

Category. III.

Mobility. Approximately 10-percent mobile.

55-4T Trans Mov Con Agcy

Mission. a. To provide personnel and equipment required to supplement the TRANSCOM assistant chief of staff, movements, to operate the TASCOM movement control center.

b. To perform movement control functions for movement of personnel and materiel (except bulk POL by pipeline) within the COMMZ and interzonal shipments between the COMMZ and the field army.

c. To maintain liaison, as required, with transportation elements of other U.S. forces and with allied and host-nation transportation agencies.

Assignment. To TASCOM or FASCOM supporting forces in the field; normally attached to

the highest level TRANSCOM HQ in a theater of operations.

Capabilities. a. At level 1, this unit—

(1) Provides personnel and equipment required to operate a movement control center and a highway traffic HQ to include field offices necessary for accomplishing movement control services and highway regulation functions in support of a theater army or a COMMZ.

(2) Within the degree of MOS skills available, acts as the alternate staff section for the transportation staff element of the command to which assigned or attached.

b. This unit is not adaptable to a type B organization.

c. When the mission to be performed or the workload imposed on this unit warrants, the changed capabilities must be provided by an MTOE under the provisions of AR 310-31.

d. This unit depends on—

(1) The servicing personnel activity for personnel administration.

(2) Adjacent units for mess and organizational maintenance facilities.

e. When required by the local situation, interpreters and local transport technicians may be authorized by the appropriate commander.

f. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 103 WO 1
EM 239 Aggr 433
b. Level 2: Off 103 WO 1
EM 288 Aggr 392
c. Level 3: Off 103 WO 1
EM 243 Aggr 347

Basis of allocation. One per TASCOT or major transportation element providing a combat service support base to a major combat force.

Category. III.

Mobility. Approximately 50-percent mobile.

55-6G HHD, Trans MCC

Mission. a. To plan and program nontactical movements of personnel, materiel, and supplies (except bulk POL) within the field army area, except those between general support and direct support groups and their supported units.

b. To maintain liaison, as required, with transportation elements of other component U.S. forces and with allied and host-nation transportation agencies.

Assignment. To FASCOM; normally attached to HHC, transportation brigade (TOE 55-62).

Capabilities. a. At level 1, this unit provides a central organization and the field offices necessary to furnish movement management services in support of a field army.

b. This unit is not adaptable to a type B organization.

c. Transportation movement office augmentation, when required and authorized by proper authority, is accomplished by attachment of appropriate transportation movement control teams (TOE 55-580).

d. The 17 transportation movement offices of this unit depend on adjacent units for mess, supply, and radio and vehicular maintenance. The HHD (minus the 17 transportation movement offices) depends on adjacent units for vehicular maintenance. The wheeled-vehicle repairman authorized will be used to supplement the supporting unit.

e. This unit depends on—

(1) The personnel service company (TOE 12-67) for personnel administration.

(2) The finance direct support company (TOE 14-17) for finance service support.

f. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 35 EM 131
Aggr 166
b. Level 2: Off 35 EM 114
Aggr 149
c. Level 3: Off 35 EM 97
Aggr 132

Basis of allocation. One per FASCOM.

Category. II.

Mobility. Ninety-percent mobile.

55-6T Trans Mov Con Co (FASCOM)

Mission. a. To perform movement control functions for movement of personnel and materiel (except bulk POL by pipeline) and highway regulation functions within the field army area.

b. To maintain liaison, as required, with transportation elements of other U.S. forces and with allied and host-nation transportation agencies.

Assignment. To FASCOM.

Capabilities. a. At level 1, this unit—

(1) Provides a central organization and the field offices necessary to perform movement control and highway regulation services in support of a field army.

(2) Maintains liaison with transportation elements of other U.S. forces and allied and host-nation transportation agencies.

b. This unit is not adaptable to a type B organization.

c. Additional transportation movement offices and/or highway regulation point teams will be authorized by an MTOE under the provisions of AR 310-31, if required.

d. This unit depends on—

(1) Adjacent units designated by the FASCOM special troops commander for mess and organizational maintenance of organic equipment.

(2) The servicing personnel activity for personnel administration.

e. When required by the local situation, interpreters and local transport technicians may be authorized by the appropriate commander.

f. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 24 EM 82
Aggr 106
b. Level 2: Off 24 EM 72
Aggr 96
c. Level 3: Off 24 EM 63
Aggr 87

Basis of allocation. One per FASCOM.

Category. II.

Mobility. Approximately 50-percent mobile.

55-7T Trans Mov Con Co (Corps Spt Bde)

Mission. a. To perform movement control functions for movement of personnel and materiel (except bulk POL by pipeline) and highway regulation functions within the corps area.

b. To maintain liaison, as required, with transportation elements of other U.S. forces and with allied and host-nation transportation agencies.

Assignment. To corps support brigade.

Capabilities. a. At level 1, this unit—

(1) Provides a central organization and the field offices necessary to perform movement control and highway regulation services in support of a corps.

(2) Maintain liaison with transportation elements of other U.S. forces and allied and host-nation transportation agencies.

b. This unit is not adaptable to a type B organization.

c. Additional transportation movement offices and/or highway regulation point teams will be authorized by an MTOE under the provisions of AR 310-31, if required.

d. This unit depends on—

(1) An adjacent unit designated by the sup-

port brigade HQ commander for mess and organizational maintenance of organic equipment.

(2) The servicing personnel activity for personnel administration.

e. When required by the local situation, interpreters and local transport technicians may be authorized by the appropriate commander.

f. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 17 EM 62
Aggr 79
b. Level 2: Off 17 EM 55
Aggr 72
c. Level 3: Off 17 EM 49
Aggr 66

Basis of allocation. One per corps support brigade.

Category. II.

Mobility. Approximately 50-percent mobile.

55-11D HHC, TMT Comd

Mission. To command, plan, supervise, coordinate, and control the activities of transportation motor transport groups and other assigned or attached units required in the movement of cargo or personnel by motor transport, particularly in a continuous intersectional or other line-haul operation.

Assignment. To field army or TASCOM.

Capabilities. a. At full strength, this unit—

(1) Commands and supervises the activities of from three to seven transportation motor transport groups and the necessary supporting units from other appropriate combat service support elements.

(2) Provides complete control and direction of highway traffic for all highway users on a given road network or in a specified geographical area when—

(a) Authorized by the appropriate commander.

(b) Augmented by a provost marshal section to provide staff supervision for military police activities.

(c) Augmented by military police units and service organizations.

(3) Upon the direction of the theater commander or other appropriate commander, may assume informal accountability for any or all trailer or semitrailer equipment assigned subordinate transportation truck companies for periods during which the organization is engaged in truck or semitrailer relay operations. During such opera-

tions, appropriate teams from TOE 29-500 and TOE 55-500 series are authorized to augment the supply section.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) Available aviation companies or teams from TOE 1-500 for one utility helicopter and one utility airplane daily.

(2) One or more of its subordinate units for operational vehicles.

d. Individuals of this unit can fight as infantrymen, when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Full: Off 34 WO 1
EM 83 Aggr 118
b. Reduced: Off 30 WO 1
EM 65 Aggr 96

Basis of allocation. One per each three to seven transportation motor transport groups engaged in local or line-haul operations. Normally one per theater of operations, as required.

Category. III.

Mobility. Fixed.

Remarks. This unit will be replaced by HHC, transportation motor transport brigade (TOE 55-11G), when published.

55-11G (FPTOE) HHC, TMT Bde

Mission. To command, plan, supervise, coordinate, and control the activities of transportation motor transport groups and other assigned or attached units required in the movement of cargo or personnel by motor transport, particularly in a continuous intersectional or other line-haul operation.

Assignment. To TASCOR; normally attached to HHC, TRANSCOR (TOE 55-2).

Capabilities. a. At level 1, this unit—

(1) Commands and supervises the activities of from three to seven transportation motor transport groups and supporting units.

(2) Upon the direction of the theater commander or other appropriate commander, may assume informal accountability for any or all trailer or semitrailer equipment assigned subordinate transportation truck companies for periods during which the organization is engaged in truck or semitrailer relay operations. During such operations, appropriate teams from TOE 29-500 and TOE 55-500 series are authorized to augment the brigade.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) The personnel service company (TOE 12-67) for personnel administration.

(2) The finance service organization (TOE 14-500) for finance service support.

(3) A computer facility for data processing support.

d. Individuals of this organization, except chaplain, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 40 EM 98
Aggr 138
b. Level 2: Off 40 EM 88
Aggr 128
c. Level 3: Off 40 EM 77
Aggr 117

Basis of allocation. One per three to seven transportation motor transport groups. Normally one per theater of operations, as required.

Category. III.

Mobility. Approximately 10-percent mobile.

Remarks. FPTOE 55-11G approved for publication by ACSFOR, DA, at the time of preparation of this manual. When published, this unit will replace HHC, transportation motor transport command (TOE 55-11D).

55-12G HHD, TMT Gp

Mission. To provide command, staff planning, and control for operations of transportation truck and/or tracked-vehicle battalions.

Assignment. To TRANSCOR or brigade; normally attached to transportation motor transport brigade or may operate separately.

Capabilities. a. At level 1, this unit commands, plans, and supervises the activities of from three to seven transportation motor transport battalions.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) The personnel service company (TOE 12-67) for personnel administration.

(2) The finance direct support company (TOE 14-17) for finance service support.

(3) The supporting HHD, medical group, for medical staff advice and unit-level medical service.

(4) The direct support maintenance units serving the area for organizational maintenance of organic signal equipment.

(5) The theater army signal command for radio-relay system installation and operation.

d. Individuals of this organization, except chaplain, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 13 WO 2

EM 43 Aggr 58

b. Level 2: Off 13 WO 2

EM 38 Aggr 53

c. Level 3: Off 12 WO 2

EM 33 Aggr 47

Basis of allocation. As required. Normally one per five transportation motor transport battalions in the COMMZ.

Category. III.

Mobility. Sixty-five-percent mobile.

55-16G HHD, TMT Bn

Mission. To provide command and supervision for units engaged in all types of motor transport such as direct support of tactical units, depot and transportation terminal operations, and line hauls.

Assignment. To FASCOM or TASCOT. Normally attached to transportation motor transport group (TOE 55-12) when employed in the COMMZ; to a transportation brigade (TOE 55-62), a transportation composite group (TOE 55-52), or a support brigade (TOE 54-22) when employed in the combat zone.

Capabilities. a. At levels 1 and 2, this unit—

(1) Provides command and supervision for from three to seven transportation companies or any appropriate combination thereof as follows, and attached supporting services, as required:

(a) Transportation light truck company (TOE 55-17).

(b) Transportation medium truck company (TOE 55-18).

(c) Transportation car company, army, theater, COMMZ, or airborne corps (TOE 55-19).

(d) Transportation cargo carrier company (tracked) (TOE 55-27).

(e) Transportation heavy truck company (TOE 55-28).

(f) Transportation light-medium truck company (TOE 55-67).

(2) Operates a truck terminal and/or trailer relay system, when required. These operations require assignment of teams from TOE 55-540 and TOE 29-500.

(3) Receives and translates commitment requirements from higher HQ for bulk transportation into specific units of vehicles required.

(4) Evaluates highway traffic plans for determination of best routing.

(5) Plans and schedules tasks for subordinate units to conform with the overall movement program and with operating requirements.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) One of its attached companies for motor maintenance and mess facilities.

(2) The personnel service company (TOE 12-67) for personnel administration.

(3) The finance direct support company (TOE 14-17) for finance service support.

d. Individuals of this organization, except chaplain, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 8 WO 1

EM 34 Aggr 43

b. Level 2: Off 8 WO 1

EM 33 Aggr 42

c. Level 3: Off 8 WO 1

EM 30 Aggr 39

Basis of allocation. One per each five transportation truck, car, or tracked-vehicle transport companies.

Category. II.

Mobility. Forty-percent mobile.

55-17G Trans Lt Trk Co

Mission. To provide transportation for the movement of general cargo and personnel by motor transport.

Assignment. To field army, corps, or TASCOT; normally attached to HHD, transportation motor transport battalion (TOE 55-16).

Capabilities. a. At level 1, with 45 trucks available and making four round trips per day in local hauls or two round trips per day (one per 10-hour shift) in line hauls, this unit can transport the following:

(1) When equipped with 2½-ton trucks:

(a) Local hauls: 720 short tons of cargo (4 tons per truck) based on 75-percent availability of vehicles and four trips daily on highway, or 3,600 passengers (20 passengers per truck) on or off highway.

(b) Line hauls: 360 short tons of cargo (4 tons per truck) based on 75-percent availability of vehicles and two trips daily on highway, or 1,440 passengers (16 passengers per truck) on or off highway.

(c) 112.5 short tons of cargo (2½ tons per truck) in one lift off highway.

(2) When equipped with 5-ton trucks:

(a) Local hauls: 1,080 short tons of cargo (6 tons per truck) based on 75-percent availability of vehicles and four trips daily on or off highway, or 3,600 passengers (20 passengers per truck) on or off highway.

(b) Line hauls: 540 short tons of cargo (6 tons per truck) based on 75-percent availability of vehicles and two trips daily on highway, or 1,620 passengers (18 passengers per truck) on or off highway.

(c) 180 short tons of cargo (4 tons per truck) in one lift off highway.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. When operating on a 20- to 24-hour-per-day continuous hauling basis, this unit may require additional mechanics for wheeled vehicles from TOE 29-600.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. When equipped with truck, cargo, 24-ton:

- (1) Level 1: Off 4 WO 1
EM 170 Aggr 175
- (2) Level 2: Off 4 WO 1
EM 153 Aggr 158
- (3) Level 3: Off 4 WO 1
EM 134 Aggr 139
- (4) Type B: Off 4 WO 1
EM 70 Aggr 75

b. When equipped with truck, cargo, 5-ton:

- (1) Level 1: Off 4 WO 1
EM 174 Aggr 179
- (2) Level 2: Off 4 WO 1
EM 156 Aggr 161
- (3) Level 3: Off 4 WO 1
EM 138 Aggr 143
- (4) Type B: Off 4 WO 1
EM 71 Aggr 76

Basis of allocation. a. Light truck company (2½-ton truck):

(1) One per each 720 short tons of cargo or 3,600 personnel to be moved daily in local hauls.

(2) One per each 360 short tons of cargo or 1,440 personnel to be moved daily in line hauls.

(3) One per each 112.5 short tons of cargo to be moved in one lift off highway.

b. Light truck company (5-ton truck):

(1) One per each 1,800 short tons of cargo or 3,600 personnel to be moved daily in local hauls.

(2) One per each 540 short tons or 1,620 personnel to be moved daily in line hauls.

(3) One per each 180 short tons of cargo to be moved in one lift off highway.

Category. II.

Mobility. One hundred-percent mobile.

55-18G Trans Mdm Trk Co

Mission. To provide transportation for the movement of general cargo, bulk petroleum products, and refrigerated cargo by motor transport.

Assignment. To field army, corps, or TASCOM; normally attached to HHD, transportation motor transport battalion (TOE 55-16).

Capabilities. a. At level 1, this unit has the following capabilities:

(1) With 45 semitrailer combinations available and making four round trips per day in local hauls or two round trips per day (one per 10-hour shift) in line hauls, can transport the following:

(a) When equipped with 12-ton cargo semitrailers:

1. Local hauls: 2,160 short tons of cargo (12 tons per semitrailer) or, in an emergency only, 9,000 passengers (50 per semitrailer).

2. Line hauls: 1,080 short tons of cargo (12 tons per semitrailer) or, in an emergency only, 4,500 passengers (50 passengers per semitrailer).

(b) When equipped with 5,000-gallon petroleum semitrailers:

- 1. Local hauls: 900,000 gallons.
- 2. Line hauls: 450,000 gallons.

(c) When equipped with 7½-ton refrigerator semitrailers carrying 6 tons per vehicle:

- 1. Local hauls: 1,080 short tons.
- 2. Line hauls: 540 short tons.

(2) With minor modifications (e.g., military desert-design tires), can provide combat and combat service support in desert areas of the world.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. When engaged in shuttle relay operations, 60 additional semitrailers may be allocated when authorized by USCONARC, ARADCOM, or theater of operations command.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. When equipped with semitrailer, 12-ton, cargo:

- (1) Level 1: Off 4 WO 1
EM 178 Aggr 183

- (2) Level 2: Off 4 WO 1
EM 159 Aggr 164
- (3) Level 3: Off 4 WO 1
EM 141 Aggr 146
- (4) Type B: Off 4 WO 1
EM 82 Aggr 87

b. When equipped with semitrailer,
petroleum:

- (1) Level 1: Off 4 WO 1
EM 178 Aggr 183
- (2) Level 2: Off 4 WO 1
EM 159 Aggr 164
- (3) Level 3: Off 4 WO 1
EM 141 Aggr 146
- (4) Type B: Off 4 WO 1
EM 82 Aggr 87

c. When equipped with semitrailer,
refrigerator:

- (1) Level 1: Off 4 WO 1
EM 196 Aggr 201
- (2) Level 2: Off 4 WO 1
EM 175 Aggr 180
- (3) Level 3: Off 4 WO 1
EM 155 Aggr 160
- (4) Type B: Off 4 WO 1
EM 96 Aggr 101

Basis of allocation. a. Medium truck company
(cargo):

(1) One per each 2,160 short tons of general cargo to be moved daily in local hauls.

(2) One per each 1,080 short tons of general cargo to be moved daily in line hauls.

b. Medium truck company (petroleum):

(1) One per each 900,000 gallons of petroleum products to be moved daily in local hauls.

(2) One per each 450,000 gallons of petroleum products to be moved daily in line hauls.

c. Medium truck company (refrigerator):

(1) One per each 1,080 short tons of refrigerated cargo to be moved daily in local hauls.

(2) One per each 540 short tons of refrigerated cargo to be moved daily in line hauls.

Category. II.

Mobility. One hundred-percent mobile.

55-19G Trans Car Co, Spt Comd or Abn Corps

Mission. To transport personnel and light cargo by motor vehicles.

Assignment. a. To field army or TASCAM; normally attached to HHD, transportation motor transport battalion (TOE 55-16). May also be assigned to independent corps force or to corps.

b. To airborne corps.

Capabilities. a. At level 1—

(1) Each platoon, when equipped with sedans, can transport 75 personnel in one lift.

(2) Each platoon, when equipped with 1/4-ton trucks and trailers, can transport 45 personnel and 2 1/2 tons of baggage or small-size supplies or 6 1/4 tons of small-size supplies and cargo, mail, or light commodities in one lift.

(3) Each platoon, when equipped with 3/4-ton trucks, can transport 11 1/4 tons of cargo or 120 persons in one lift.

(4) Each composite platoon composed of ten 1/4-ton trucks and trailers and ten 3/4-ton trucks (designated the airborne platoon in the airborne organization) can transport 82 personnel and 7 1/2 tons of baggage or small-size supplies or 10 tons of small-size supplies and cargo, mail, or light commodities in one lift.

(5) This unit may be organized and equipped to operate with either sedans (except airborne); truck, utility, 1/4-ton; truck, cargo, 3/4-ton; or any combination thereof. However, total will not exceed 60 mission vehicles per company, in accordance with MTOE provisions of AR 310-31, to provide the capability to meet local geographical requirements and assigned missions.

(6) All capabilities are computed on a 75-percent availability of vehicles and all vehicles carrying rated capacity.

(7) When organized for assignment to an airborne corps, the parachute platoon can be landed by parachute or aircraft. All personnel in this platoon are airborne-qualified.

b. When organized as a support command car company, the capabilities of a type B organization are the same as those of a level 1 organization.

c. The airborne car company is not adaptable to type B organization because of the forward areas in which the company will be operating and the necessity for being airborne-qualified.

d. When a 24-hour operational capability is authorized, attachment of one or more driver teams from TOE 55-540 is required.

e. This unit depends on a personnel service unit for personnel actions.

f. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 4 WO 1
EM 104 Aggr 109

b. Level 2: Off 4 WO 1
EM 94 Aggr 99

- c. Level 3: Off 4 WO 1
EM 84 Aggr 89
- d. Type B: (when organized as a support command car company only):
Off 4 WO 1 EM 59
Aggr 64

Basis of allocation. a. When organized as a support command car company:

(1) Four per typical field army consisting of three corps.

(2) One or more per HQ of a TASCOT or as required.

b. When organized as an airborne car company, one per airborne corps.

Category. a. When organized as support command car company: III.

b. When organized as field army or airborne car company: II.

Mobility. One hundred-percent mobile.

55-27G Trans Cgo Carr Co (Tracked)

Mission. To provide transportation for supply distribution in regions where wheeled vehicles cannot operate effectively.

Assignment. To a division employed in regions where wheeled vehicles cannot operate effectively. To corps, field army, or TASCOT, as required.

Capabilities. a. At level 1, this unit—

(1) With all vehicles available, transports in one lift 288 short tons of cargo.

(2) In sustained operations, based on 75-percent vehicle availability, transports 216 short tons of cargo or, when equipped with tank units, transports 43,200 gallons of fuel 50 miles forward daily.

b. This unit is adaptable to a type B organization when assigned to a TASCOT. The capabilities of a type B organization are the same as those of a level 1 organization.

c. This unit depends on a personnel service unit for personnel actions.

d. When operating in arctic, subarctic, or polar regions, this unit requires additional vehicle maintenance personnel from TOE 29-600.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

- Strength.* a. Level 1: Off 4 WO 1
EM 158 Aggr 163
- b. Level 2: Off 4 WO 1
EM 141 Aggr 146

- c. Level 3: Off 4 WO 1
EM 125 Aggr 130
- d. Type B: Off 4 WO 1
EM 48 Aggr 53

Basis of allocation. Two per division and to corps, field army, or TASCOT, as required.

Category. II.

Mobility. One hundred-percent mobile in organic vehicles.

55-28G Trans Hv Trk Co

Mission. To provide truck transportation for the movement of tank and heavy or outsize cargo and vehicles.

Assignment. To field army, corps, or TASCOT; normally attached to HHC, transportation motor transport battalion (TOE 55-16).

Capabilities. a. At level 1, operating two 10-hour shifts per day, with 18 truck tractors and semitrailers available, this unit can transport the following:

(1) For local hauls: 2,880 short tons of cargo or tanks or similar vehicles, averaging 40 tons per truck, four round trips daily, or;

(2) For line hauls: 1,440 short tons of cargo or tanks or similar vehicles, averaging 40 tons per truck, two round trips daily.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

- Strength.* a. Level 1: Off 4 WO 1
EM 150 Aggr 155
- b. Level 2: Off 4 WO 1
EM 134 Aggr 139
- c. Level 3: Off 4 WO 1
EM 119 Aggr 124
- d. Type B: Off 4 WO 1
EM 57 Aggr 62

Basis of allocation. One per each 2,880 short tons of bulky or outsize cargo, tanks, or similar types of vehicles to be moved daily in line hauls. Normally one per field army.

Category. a. When operating in the field army area: II.

b. When operating in the COMMZ: III.

Mobility. One hundred-percent mobile.

55-52G (FPTOE) HHC, Trans Comp Gp

Mission. To command units employed in the transportation service supporting an independent division-size force or a two-division separate corps force.

Assignment. To support brigade employed in support of an independent division-size force or a two-division separate corps force.

Capabilities. a. At level 1, this unit—

(1) Provides command of attached units (air transport, motor transport, terminal, and railway) required for operation of a transportation service in support of an independent division-size force.

(2) Provides a nucleus organization for the development of a transportation brigade during the initial stages of a combat service support base buildup.

(3) Develops plans and policies for the employment of attached units.

(4) Coordinates RAP activities of subordinate units with the designated commander.

b. When the mission to be performed or the workload imposed on this unit exceeds the capabilities indicated in *a* above, the additional capabilities required must be provided by appropriate cellular teams from the 500- and 600-series TOE or by establishing an MTOE under the provisions of AR 310-31.

c. This unit can command air and motor transport and terminal transfer units employed in the transportation service required for support of a two-division separate corps.

d. This unit is not adaptable to a type B organization.

e. This unit depends on—

(1) The personnel service company (TOE 12-67) for personnel administrative support.

(2) The finance direct support company (TOE 14-17) for finance service support.

(3) The HHD, medical group, for medical staff advice and unit-level medical service.

(4) Area signal units for maintenance of communication equipment.

f. Individuals of this unit, except chaplain, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 37 WO 1
EM 81 Aggr 119

b. Level 2: Off 37 WO 1
EM 70 Aggr 108

c. Level 3: Off 37 WO 1
EM 58 Aggr 96

Basis of allocation. a. One per support brigade in support of an independent division-size force or two-division separate corps force.

b. As required for initial development of a combat service support base.

Category. II.

Mobility. Approximately 25-percent mobile.

Remarks. FPTOE 55-52G approved for publication by ACSFOR, DA, at the time of preparation of this manual.

55-62F HHC, Trans Bde

Mission. To command and control air transport, motor transport, terminal transfer, and transportation movement units.

Assignment. To FASCOM.

Capabilities. a. At full strength, this unit—

(1) Commands, plans, and supervises the activities of from two to seven transport groups or equivalent in transport battalions and companies.

(2) Provides highway regulation service within the field army area.

b. This unit is not adaptable to a type B organization.

c. This unit can be augmented as follows:

(1) The personnel administration section furnishes the unit the capability for normal supervision of personnel activities. (WO 1 EM 1 Aggr 2)

(2) The judge advocate section furnishes this unit the capability for processing general court-martial and civilian contracting actions. (Off 1 WO 1 EM 2 Aggr 4)

(3) The flight support section furnishes the required capability for transportation when the unit is assigned to a support command. (Off 1 WO 3 EM 5 Aggr 9)

d. This unit will require augmentation of teams from the 500-series TOE for performance of the highway regulation function and for the operation of trailer transfer points.

e. This unit depends on—

(1) A personnel service unit for processing personnel administrative actions to include classification, personal affairs, maintenance of personnel records, pay actions, personnel accounting, casualty reporting, and orders directing personnel actions.

(2) Higher HQ for general court-martial and civilian contract activities except when augmented.

f. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Full: Off 29 WO 1
EM 75 Aggr 105

b. Reduced: Off 25 WO 1
EM 65 Aggr 91

Basis of allocation. One per two to seven transport groups or equivalent in battalions and companies. Normally one per FASCOM.

Category. II.

Mobility. Fifty-percent mobile.

Remarks. This unit will be replaced by HHC, transportation brigade, FASCOM or COSCOM (TOE 55-62G), when published.

55-62G (FPTOE) HHC, Trans Bde, FASCOM or COSCOM

Mission. a. To command and control units employed in the transportation service supporting a field army or an independent corps force.

b. To coordinate transportation service support matters with other U.S. forces and host and allied nations, as required.

c. To control indigenous transportation resources allocated the transportation service.

Assignment. To FASCOM or COSCOM.

Capabilities. a. At level 1, this unit—

(1) Commands and supervises the activities of all transportation and other assigned or attached units operating the transportation service in support of a field army or an independent corps force.

(2) Provides staff planning and coordinates transportation combat service support activities assigned by FASCOM or COSCOM HQ.

(3) Provides liaison with other U.S. forces and host and allied nations, as directed by FASCOM or COSCOM HQ.

(4) Controls, as required, indigenous transportation resources allocated the FASCOM or COSCOM transportation service.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) The servicing personnel activity for processing personnel administrative actions to include classification, personal affairs, maintenance of personnel records, personnel accounting, casualty reporting, and orders directing personnel actions.

(2) The FASCOM or COSCOM medical HQ for medical staff assistance.

(3) Team JD (TOE 55-560) for negotiating contracts for transportation and terminal services when such service is required.

(4) Staff personnel increases for water terminal and rail operations and maintenance when the unit is supporting an independent corps force.

(5) The signal service organization (TOE

11-500) for radio and RATT teams for specific areas of operations, as required.

(6) A finance unit for direct finance support.

d. Individuals of this unit, except chaplain, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 39 EM 91

Aggr 130

b. Level 2: Off 39 EM 79

Aggr 118

c. Level 3: Off 39 EM 69

Aggr 108

Basis of allocation. a. One per FASCOM in support of an eight- to 12-division field army or one per independent COSCOM.

b. As required for initial development of a combat service support base.

Category. II.

Mobility. Approximately 25-percent mobile.

Remarks. FPTOE 55-62G approved for publication by ACSFOR, DA, at the time of preparation of this manual. When published, this unit will replace HHC, transportation brigade (TOE 55-62F).

55-66F HHC, Trans Acft Maint and Sup GS Bn

Mission. a. To provide the command, staff, administration, supply, and communications for the transportation aircraft maintenance and supply general support battalion.

b. To provide repair parts general support for aircraft and aircraft armament-peculiar items for the field army.

Assignment. To FASCOM or LOGCOMD.

Capabilities. a. At full strength, this unit—

(1) Provides command, planning, and supervision of the activities of from two to six general support aircraft maintenance companies.

(2) Provides wholesale repair parts support for aircraft and aircraft weapon system-peculiar items to supported direct support units. Also maintains approximately 50 percent of the field army reserve stocks of aircraft and aircraft armament-peculiar repair parts.

(3) Supports an authorized stockage list of 8,000 aircraft line items and 2,000 aircraft weapons system-peculiar line items.

(4) Operates the battalion communication system, including both wire and radio.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) One of the attached companies for organizational motor maintenance equipment.

(2) An AG personnel service unit for processing personnel administrative actions.

d. When augmented by the personnel section, this unit can perform its own personnel services. (WO 1 EM 2 Aggr 3)

e. Data processing equipment authorized will be obtained in accordance with AR 310-34.

f. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Full: Off 11 WO 2
EM 121 Aggr 134
b. Reduced: Off 9 WO 2
EM 90 Aggr 101

Basis of allocation. Normally one per rear

general support group, FASCOM.

Category. II.

Mobility. Fifty-percent mobile.

Remarks. This unit will be replaced by HHD, transportation aircraft maintenance general support battalion (TOE 55-456G), when published.

55-67G Trans Lt-Mdm Trk Co

Mission. To provide transportation for the movement of general cargo and personnel by motor transport.

Assignment. To supply and service battalion (TOE 29-215); may be attached to motor transport battalion or ASCOM.

Capabilities. a. At level 1, this unit has the following capabilities for around-the-clock operations:

	2½-ton trk with 1½-ton tlr		5-ton trk trac with 18-ton stake and platform slr		Total	
	Cargo (4 tons ea)	Pers (20 ea)	Cargo (12 tons ea)	Pers (50 ea)	Cargo	Pers
All vehicles available, one-time lift -----	240	or 1,200	120	or 500	360	1,700
75 percent of vehicles available, one-time lift -----	180	or 900	96	or 400	276	1,300
Local haul, 15 miles forward, two-shift operations, 75 to 80 percent of vehicles available, four trips cargo and six trips personnel.	720	or 5,400	384	or 2,400	1,104	7,800
Line haul, 75 miles forward, two-shift operations, 75 to 80 percent of vehicles available, two trips daily.	360	or 1,800	192	or 800	552	2,600

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. This unit depends on an AG personnel service unit for processing personnel administrative actions to include classification, personal affairs, maintenance of personnel records, pay actions, personnel accounting, casualty reporting, rosters, and orders directing personnel actions.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 4 WO 1
EM 197 Aggr 202
b. Level 2: Off 4 WO 1
EM 176 Aggr 181
c. Level 3: Off 4 WO 1
EM 156 Aggr 161
d. Type B: Off 4 WO 1
EM 84 Aggr 89

Basis of allocation. Normally 24 per typical field army; as required for area support in the COMMZ.

Category. a. When employed in the field army: II.

b. When employed in the COMMZ: III.

Mobility. One hundred-percent mobile.

55-111D HHC, Trans Tml Comd C

Mission. To command (in consonance with existing joint Service agreements) assigned and attached units engaged in the transfer of personnel and cargo from one mode of transportation to another at fixed water terminals, logistics-over-the-shore operation sites, air, or other types of terminals.

Assignment. To COMMZ, LOGCOMD, or other appropriate command in a theater of operations.

Capabilities. a. Commands assigned and attached units and provides staff planning, supervision, coordination, and control for operations of the terminal command. At full strength, with appropriate service forces, the capabilities of this unit per month include—

(1) *Beach operations.* Working from nine to 16 ships, unloads and clears from 194,000 to 346,000 short tons of cargo and debark 100,000

personnel or loads from 135,000 to 240,000 short tons of cargo and embarks 50,000 personnel.

(2) *Pier operations.* Working from 13 to 24 ships, unloads and clears from 280,000 to 520,000 short tons of cargo and debarks 150,000 personnel, or loads from 195,000 to 360,000 short tons of cargo and embarks 75,000 personnel.

(3) *Other terminal operations.* Unloads or transfers from one mode to another from 280,000 to 520,000 short tons of cargo and debarks 150,000 personnel, or loads from 195,000 to 360,000 short tons of cargo and embarks 75,000 personnel.

b. This unit is not adaptable to a type B organization.

c. The civilian personnel section augmentation will be used when central administrative services for procuring local civilian labor are not available at theater level. (Off 2 EM 5 Aggr 7)

d. This HQ depends on supporting combat service support units or teams from the 500- and 600-series TOE, including vehicular support, to provide the required support for the operation of the terminal command.

e. Individuals of this unit, except chaplain and medical personnel, can fight as infantrymen, when required. The unit can defend itself and its installations against hostile ground attack.

Strength. a. Full: Off 94 EM 210
Aggr 304

b. Reduced: Off 76 EM 161
Aggr 237

Basis of allocation. a. Beach operations. One per 13 to 24 transportation terminal service companies or 194,000 to 346,000 short tons of cargo to be unloaded and cleared at a water terminal monthly.

b. Pier operations. One per 19 to 36 transportation terminal service companies or 280,000 to 520,000 short tons of cargo to be unloaded and cleared per month.

c. Other terminal operations. One per 13 to 24 transportation terminal service companies or 280,000 to 520,000 short tons of cargo to be unloaded and cleared per month.

Category. III.

Mobility. Fixed.

Remarks. This unit will be replaced by HHC, transportation terminal brigade (TOE 55-111G), when published.

55-111G (FPTOE) HHC, Trans Tml Bde

Mission. a. To command units employed in the operation of water terminals.

b. To perform staff planning for water terminal operations.

Assignment. To TASCOT: normally attached to TRANSCOM.

Capabilities. a. At level 1, this unit provides command, control, and administration for up to five transportation terminal groups.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) The servicing personnel activity for personnel administration.

(2) Units of the TASCOT MEDCOM for medical staff advice and unit-level medical service.

(3) The finance direct support company (TOE 14-17) for payment of troops.

(4) Teams from the finance service organization (TOE 14-500) when a comptroller section is required.

(5) Supporting signal units for trunking into the theater army communication system.

d. This unit will require attachment of a data processing team (TOE 29-500) for automatic data processing support.

e. Individuals of this unit, except chaplain, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 49 EM 118
Aggr 167

b. Level 2: Off 49 EM 101
Aggr 150

c. Level 3: Off 49 EM 85
Aggr 134

Basis of allocation. Normally one per three to five transportation terminal groups.

Category. III.

Mobility. Fixed.

Remarks. FPTOE 55-111G approved for publication by ACSFOR, DA, at the time of preparation of this manual. When published, this unit will replace HHC, transportation terminal command C (TOE 55-111D).

55-112G (FPTOE) HHC, Trans Tml Gp

Mission. To command units employed in the operation of water terminals and to perform staff planning for water terminal operations.

Assignment. To TASCOT; normally attached to transportation terminal brigade or TRANSCOM.

Capabilities. a. At level 1, this unit provides command and supervision for operations, train-

ing, and administration of from two to six transportation terminal battalions.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) The servicing personnel activity for personnel administration.

(2) Units of the TASCOT MEDCOM for medical staff advice and unit-level medical service.

d. Individuals of this organization, except chaplain, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 31 WO 2

EM 75 Aggr 108

b. Level 2: Off 31 WO 2

EM 64 Aggr 97

c. Level 3: Off 31 WO 2

EM 55 Aggr 88

Basis of allocation. Normally one per two to six transportation terminal battalions.

Category. III.

Mobility. Twenty-five-percent mobile.

Remarks. FPTOE 55-112G approved for publication by ACSFOR, DA, at the time of preparation of this manual. When published, this unit will replace HHC, transportation terminal command B (TOE 55-121D).

55-116E HHD, Trans Tml Bn

Mission. To provide command, administration, and supervision for assigned and attached transportation terminal-type units engaged in—

a. Operation of logistics-over-the-shore sites.

b. Transfer of personnel and cargo from one mode of transportation to another at established water terminals.

c. Operation of inland terminal transfer points.

d. Support of Army and joint tactical operations.

Assignment. To field army, separate corps force, or LOGCOMD; normally attached to transportation terminal command.

Capabilities. a. Commands and controls from three to eight (depending on conditions) transportation terminal service companies, transportation boat companies, transportation amphibian companies, transportation terminal transfer companies, transportation truck companies, or any combination thereof.

b. The capabilities of a type B organization are the same as those of a full-strength organization.

c. This unit depends on—

(1) One of the attached companies for mess.

(2) Higher HQ for organizational maintenance of communication equipment.

d. This unit will require the additional of appropriate teams from TOE 55-530 to provide water control craft when supervising boat or amphibious units.

e. Individuals of this organization, except chaplains, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Full: Off 9 WO 3

EM 46 Aggr 58

b. Reduced: Off 9 WO 3

EM 36 Aggr 48

c. Type B: Off 9 WO 3

EM 38 Aggr 50

Basis of allocation. One per three to eight transportation companies.

Category. III.

Mobility. Fifty-percent mobile.

Remarks. This unit will be replaced by HHC, transportation terminal battalion (TOE 55-116G), when published.

55-116G (FPTOE) HHC, Trans Tml Bn

Mission. a. To command units employed in the operation of water terminals.

b. To provide terminal planning and operational control for subordinate units, cargo accounting, and cargo identification services.

Assignment. To TASCOT; normally attached to transportation terminal group. May be attached to transportation terminal brigade or may operate separately under the supervision of an appropriate commander.

Capabilities. a. At level 1, this unit provides the following command and operational functions for units required to discharge up to four ships simultaneously at an established water terminal or up to two ships at a logistics-over-the-shore operation site:

(1) Supervision of administration, training, and operations.

(2) Supply support of attached units.

(3) Supervision of organizational maintenance.

(4) Staff and operational planning and coordination of unit operations.

(5) Battalion communication net.

(6) Cargo identification.

(7) Cargo accounting.

b. The capabilities of a type B organization are the same as those of a level 1 organization. Interpreters and translators required are provided

from appropriate teams available to the theater commander.

c. Truck companies, military police companies, movement control teams, harbor craft teams, and other service types of detachments or teams will be attached, when required.

d. This unit depends on—

(1) The personnel service company (TOE 12-67) for personnel administration.

(2) Units of the TASCOM MEDCOM for medical staff advice and unit-level medical service.

(3) The finance direct support company (TOE 14-17) for finance service support.

(4) The ASCOM of the TASCOM for procurement policies, procedures, and contract services.

e. This unit will require attachment of a data processing team from TOE 29-500 for automatic data processing support.

f. Individuals of this organization, except chaplain, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 20 WO 4
EM 91 Aggr 115
b. Level 2: Off 20 WO 4
EM 79 Aggr 103
c. Level 3: Off 19 WO 4
EM 66 Aggr 89
d. Type B: Off 20 WO 4
EM 76 Aggr 100

Basis of allocation. One per three to eight transportation companies.

Category. III.

Mobility. Fifty-percent mobile.

Remarks. FPTOE 55-116G approved for publication by ACSFOR, DA, at the time of preparation of this manual. When published, this unit will replace HHD, transportation terminal battalion (TOE 55-116E).

55-117G Trans TS Co

Mission. To load, unload, and transship cargo at water terminals or over the beach.

Assignment. To TASCOM; may be attached to transportation terminal brigade, transportation terminal battalion, or may operate separately under the supervision of an appropriate commander.

Capabilities. a. At level 1, operating on one ship on a two-shift basis, or on two ships on a one-shift basis, at piers or over beaches, this unit discharges 720 short tons of cargo per day or loads 500 short tons of cargo per day. Discharging includes sorting by destination and loading

cargo on land transportation at the pier or waterline. Loading includes receiving cargo from land transportation at the pier or waterline and providing intransit storage, as required. Both functions also include accounting for all cargo handled, as required by MILSTAMP, and preparing the necessary transportation documentation.

b. The productivity of this unit is affected by the availability and types of ships, lighterage, transportation, enemy action, and climatic factors. For worldwide planning purposes, 720 short tons of general cargo daily should be used for discharging and 500 short tons for loading.

c. The capabilities of a type B organization are the same as those of a level 1 organization.

d. Additional platoons or sections, if required, will be authorized by an MTOE under the provisions of AR 310-31.

e. This unit can provide its own organizational maintenance to include battalion-level maintenance on all organic equipment except communication equipment.

f. This unit can direct operations of small task forces consisting of the transportation terminal service company and attached lighterage and truck units.

g. This unit depends on the servicing personnel activity for personnel administration.

h. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 6 WO 1
EM 322 Aggr 329
b. Level 2: Off 6 WO 1
EM 290 Aggr 297
c. Level 3: Off 6 WO 1
EM 257 Aggr 264
d. Type B: Off 5 WO 1
EM 101 Aggr 107

Basis of allocation. Normally one per 720 short tons of general cargo to be discharged or 500 short tons of general cargo to be loaded daily, consistent with paragraph b above.

Category. III.

Mobility. Ten-percent mobile.

55-118G Trans Tml Trf Co

Mission. To transship cargo at army air, rail, motor, and inland barge terminals.

Assignment. To FASCOM or corps support brigade; normally assigned to HHC, transportation brigade (TOE 55-62). May be attached to motor transport and/or aviation groups, as required.

Capabilities. a. At level 1, this unit—

- (1) Transships 900 short tons of cargo daily.
- (2) Redocuments transshipped cargo, as required.

(3) Operates at three separate terminals on an around-the-clock basis.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. This unit depends on an AG personnel service unit for processing personnel administrative actions to include classification, personal affairs, maintenance of personnel records, pay actions, personnel accounting, casualty reporting, rosters, and orders directing personnel actions.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 5 EM 261
Aggr 266

b. Level 2: Off 5 EM 237
Aggr 242

c. Level 3: Off 5 EM 211
Aggr 216

d. Type B: Off 5 EM 106
Aggr 111

Basis of allocation. One per 900 short tons of cargo to be transshipped per day; normally three per field army.

Category. II.

Mobility. One hundred-percent mobile.

55-121D HHC, Trans Tml Comd B

Mission. To command (in consonance with existing joint Service agreements) assigned and attached units engaged in the transfer of personnel and cargo from one mode of transportation to another at fixed water terminals, logistics-over-the-shore operation sites, air, or other types of terminals.

Assignment. To COMMZ, LOGCOMD, or other appropriate command in a theater of operations.

Capabilities. a. At full strength, this unit commands assigned and attached units and provides staff planning, supervision, coordination, and control for operations of the terminal command. The capabilities of this unit per month include—

- (1) *Beach operations.* Working from five to eight ships, unloads from 108,000 to 172,000 short tons of cargo and debarks 50,000 personnel, or

loads from 75,000 to 120,000 short tons of cargo and embarks 25,000 personnel.

(2) *Pier operations.* Working from seven to 12 ships, unloads from 151,000 to 260,000 short tons of cargo and debarks 75,000 personnel, or loads from 105,000 to 180,000 short tons of cargo and embarks 37,000 personnel.

(3) *Other terminal operations.* Unloads or transfers from one mode to another from 151,000 to 260,000 short tons of cargo and debarks 75,000 personnel, or loads from 105,000 to 180,000 short tons of cargo and embarks 37,000 personnel.

b. This unit is not adaptable to a type B organization.

c. This HQ depends on supporting combat service support units or teams from the 500- and 600-series TOE to provide the required support for the operation of the terminal command.

d. Individuals of this unit, except chaplain and medical personnel, can fight as infantrymen, when required. The unit can defend itself and its installations against hostile ground attack.

Strength. a. Full: Off 60 EM 127
Aggr 187

b. Reduced: Off 49 EM 88
Aggr 137

Basis of allocation. a. Beach operations. One per seven to 12 transportation terminal service companies or 108,000 to 172,000 short tons of cargo to be unloaded, segregated, cleared, and handled through a water terminal monthly.

b. Pier and other terminal operations. One per 151,000 short tons of cargo to be handled per month.

Category. III.

Mobility. Fixed.

Remarks. This unit will be replaced by HHC, transportation terminal group (TOE 55-112G), when published.

55-128G Trans Mdm Bt Co

Mission. To provide and operate landing craft for the movement of personnel and cargo in army water terminal operations and army waterborne tactical operations and to augment, when required, Navy craft in joint amphibious operations.

Assignment. To support command or other appropriate command in a theater of operations; normally attached to transportation terminal battalion (TOE 55-116) or transportation terminal

group (TOE 55-112). May be attached in support of a joint amphibious operation or may operate separately under an appropriate commander.

Capabilities. a. At level 1, this unit transports—

(1) An average of 720 short tons of general cargo based on an average load of 30 short tons per each of 12 landing craft, making two trips daily.

(2) In a one-time maximum lift, 960 short tons of general cargo based on 16 landing craft.

(3) In a one-time maximum lift, 3,200 combat-equipped troops based on 16 landing craft.

b. At level 2, this unit can transport an average of 630 short tons of general cargo daily.

c. At level 3, this unit can transport an average of 540 short tons of general cargo daily.

d. The capabilities of a type B organization are the same as those of a level 1 organization.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 5 EM 178
Aggr 183

b. Level 2: Off 5 EM 160
Aggr 165

c. Level 3: Off 5 EM 142
Aggr 147

d. Type B: Off 5 EM 170
Aggr 175

Basis of allocation. One per 720 short tons of general cargo transported daily in over-the-shore operations. As required for logistic support of amphibious operations.

Category. III.

Mobility. Fixed (100-percent mobile by inland or coastal waters).

55-129G Trans Hv Bt Co

Mission. To provide and operate landing craft for transporting personnel and heavy cargo in offshore discharge operations and for augmenting lighterage service in a port or harbor, in inland or coastal waters, or in the open sea, including lighterage service required in joint amphibious or other waterborne tactical operations.

Assignment. To TASCOT; normally attached to HHC, transportation terminal battalion (TOE 55-116), or an engineer amphibious brigade.

Capabilities. a. At level 1, this unit—

(1) Transports per trip an average of 1,440 short tons of general cargo or 4,000 troops with individual equipment, or 540 short tons of vehi-

cles, or 1,500 short tons of tanks, based on availability of 10 landing craft.

(2) Transports, in a one-time maximum lift, 1,800 short tons of general cargo or 4,800 troops with individual equipment, based on availability of 12 landing craft, each capable of transporting 150 short tons of cargo or 400 troops for a trip not exceeding 2 hours. (For trips more than 2 hours, but less than 3 hours, the maximum troop lift is 4,200; more than 3 hours, the maximum is 3,600.)

(3) Has 700-nautical-mile range at an average speed of 7 knots.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) Adjacent units for vehicle maintenance (except driver maintenance) and mess support for shore-based personnel.

(2) The personnel service company (TOE 12-67) for personnel administration.

(3) The finance direct support company (TOE 14-17) for finance service support.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 4 WO 24
EM 149 Aggr 177

b. Level 2: Off 4 WO 22
EM 138 Aggr 164

c. Level 3: Off 4 WO 20
EM 123 Aggr 147

Basis of allocation. a. One per 1,440 short tons of general cargo transported daily in logistics-over-the-shore operations.

b. As required for logistic support of amphibious operations.

Category. III.

Mobility. One hundred-percent mobile in inland or coastal waters.

55-138G Trans Lt Amph Co

Mission. To provide lighterage for the movement of general cargo between ships at anchorage and inland transfer or segregation areas in logistics-over-the-shore or amphibious operations.

Assignment. To TASCOT; normally attached to transportation terminal battalion. May be attached to transportation terminal group or a transportation terminal brigade or may operate separately under the supervision of an appropriate HQ.

Capabilities. a. At level 1, this unit—

(1) Transports daily, operating around the

clock, 1,000 short tons of general cargo per day, assuming availability of 25 LARC, with each LARC carrying 2.5 tons of cargo per trip and averaging 16 trips per day. For worldwide planning purposes, 720 short tons should be used.

(2) Transports a maximum one-time lift of 170 short tons of general cargo, based on 34 LARC carrying 5 short tons each.

b. The capabilities of a type B organization are the same as those of the level 1 organization.

c. This unit can perform organizational maintenance on organic equipment.

d. This unit depends on—

(1) The personnel service company (TOE 12-67) for personnel administration.

(2) The finance direct support company (TOE 14-17) for finance service support.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 4 WO 1
EM 206 Aggr 211
b. Level 2: Off 4 WO 1
EM 184 Aggr 189
c. Level 3: Off 4 WO 1
EM 164 Aggr 169
d. Type B: Off 4 WO 1
EM 125 Aggr 130

Basis of allocation. One per each 720 tons of general cargo to be transported daily by amphibians across water gaps or from ships in the stream to inland transfer or segregation areas.

Category. III.

Mobility. One hundred-percent mobile.

55-139G Trans Mdm Amph Co

Mission. To provide lighterage for the movement of general cargo between ships at anchorage and inland transfer or segregation areas in logistics-over-the-shore operations and in support of amphibious operations.

Assignment. To TASCOT; normally attached to transportation terminal battalion. May be attached to transportation terminal group or transportation terminal brigade or may operate separately under the supervision of an appropriate HQ.

Capabilities. a. At level 1, this unit—

(1) Transports daily, operating two 10-hour shifts, an average of 1,080 short tons of general cargo per day, assuming availability of 19 lighters, with each lighter carrying approximately

10.2 tons per trip and averaging five or six trips per day.

(2) Transports a maximum one-time lift of 360 short tons of general cargo, based on 24 LARC carrying 15 short tons each.

b. At level 2, this unit can transport approximately 900 short tons of general cargo per day.

c. At level 3, this unit can transport approximately 725 short tons of general cargo per day.

d. The capabilities of a type B organization are the same as those of a level 1 organization.

e. This unit depends on—

(1) The personnel service company (TOE 12-67) for personnel administration.

(2) The finance direct support company (TOE 14-17) for finance service support.

f. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 4 WO 1
EM 168 Aggr 173
b. Level 2: Off 4 WO 1
EM 151 Aggr 156
c. Level 3: Off 4 WO 1
EM 134 Aggr 139
d. Type B: Off 4 WO 1
EM 113 Aggr 118

Basis of allocation. One per each 1,800 short tons of general cargo to be transported daily by amphibians across water gaps or from ships in the stream to inland transfer or segregation areas.

Category. III.

Mobility. One hundred-percent mobile for overland movement; 90-percent mobile when moving across water gaps.

55-157G Trans Fltg Cft GS Maint Co

Mission. a. To provide general support maintenance for all U.S. Army landing craft and amphibians and direct support and general support maintenance for harbor craft.

b. To provide inspection, test, repair, and replacement of radio and radar equipment organic to harbor craft, landing craft, and amphibians.

c. To receive, store, and issue marine-peculiar repair parts and items.

Assignment. Normally to field depot, SMCOT, TASCOT. May be attached to transportation terminal group, TASCOT.

Capabilities. a. This unit—

(1) Provides the following annual man-hours of productive maintenance (approximate):

	Level 1	Level 2	Level 3
Amphibian engine repair -----	34,840	32,160	26,800
Blacksmithing -----	10,720	10,720	8,040
Diving -----	10,720	10,720	10,720
Hull repair -----	50,920	40,200	37,520
Instrument repair -----	2,680	2,680	2,680
Machining -----	24,120	21,440	18,760
Marine electrical repair -----	16,080	16,080	10,720
Marine engine repair -----	37,520	29,480	26,800
Marine welding -----	26,800	24,120	21,440
Power generation equipment repair -----	10,720	8,040	5,360
Plumbing and pipefitting -----	10,720	10,720	8,040
Radar repair -----	8,040	5,360	5,360
Radio repair -----	10,720	10,720	8,040
Refrigerator -----	13,400	13,400	13,400
Rigging repair -----	13,400	10,720	10,720
Sheetmetal working -----	8,040	8,040	8,040

Note. Availability criteria based on category III (mobile) units, allowing 7 hours 20 minutes per day or 2,680 annual productive man-hours' availability.

(2) Receives, stores, and issues approximately 8,000 line items of marine-peculiar repair parts and items required for its general support mission and by supported units.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. This unit can perform organization maintenance on organic equipment.

d. This unit depends on—

(1) A personnel service company (TOE 12-67) for all personnel administrative services.

(2) A finance direct support company (TOE 14-17) for finance service support.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation. This unit can provide the following TASCOT area damage control potential:

Type of element	Number	Estimated degradation of mission capabilities (percentage)
Labor squad team -----	1	5
Provisional firefighting -----	1	1

Strength. a. Level 1: Off 4 WO 6
EM 235 Aggr 245

b. Level 2: Off 4 WO 6
EM 209 Aggr 219

c. Level 3: Off 4 WO 6
EM 185 Aggr 195

d. Type B: Off 4 WO 6
EM 122 Aggr 132

Basis of allocation. For initial planning purposes, one per 24,120 man-hours required per month for general support maintenance of land-

ing craft, harbor craft, and amphibians and for direct support maintenance of harbor craft (reference TOE manpower authorization criteria (AR 310-32)).

Category. III.

Mobility. Twenty-percent mobile.

55-158G (FPTOE) Trans Lighterage Maint Co, DS

Mission. a. To provide direct support maintenance for wheeled amphibians (LARC-5, LARC-15, LARC-60) and landing craft (LCM, LCU).

b. To provide inspection, test, adjustment, replacement, and repair of radio and radar equipment organic to amphibians and landing craft.

c. To receive, store, and issue marine-peculiar repair parts and items of supply required for amphibians and landing craft repaired by the company. Also to receive, store, and issue organizational marine repair parts required by supported units.

Assignment. Normally to terminal group, TRANSCOM, TASCOT. May be attached to transportation terminal battalion or may operate separately under the supervision of an appropriate commander.

Capabilities. a. This unit—

(1) Provides the following annual man-hours of productive maintenance (approximate):

	Level 1	Level 2	Level 3
Marine engine repair -----	75,040	64,320	53,600
Amphibian engine repair -----	75,040	64,320	53,600
Hull repair -----	32,160	21,440	21,440
Marine welding -----	19,720	10,720	10,720
Marine electrical repair -----	21,440	21,440	21,440
Plumbing and pipefitting -----	5,360	5,360	5,360
Machining -----	8,040	8,040	5,360
Radio repair -----	5,360	5,360	5,360
Radar repair -----	5,360	5,360	2,680

Note. Availability criteria based on category III (mobile) units, allowing 7 hours 20 minutes per day or 2,680 annual productive man-hours' availability.

(2) Receives, stores, and issues approximately 8,000 line items of marine-peculiar repair parts and items of supply required by the company's direct support mission and organizational parts required by supported units.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) A personnel service company (TOE 12-67) for all personnel administrative services.

(2) A finance direct support company (TOE 14-17) for finance service support.

d. This unit performs organizational maintenance on organic equipment.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation. This unit can provide the following area damage control potential:

Type of element	Number	Estimated degradation of mission capabilities (percentage)
Light rescue team squad -----	2	10
<i>Strength.</i>		
a. Level 1: Off 5 WO 4		
EM 199 Aggr 208		
b. Level 2: Off 5 WO 4		
EM 181 Aggr 190		
c. Level 3: Off 5 WO 4		
EM 160 Aggr 169		

Basis of allocation. For initial planning purposes, one per 19,400 man-hours required per month for direct support of amphibians and landing craft (reference TOE manpower authorization criteria, AR 310-32). Radar and radio maintenance capabilities indicated in a(1) above are not included in this allocation statement.

Category. III.

Mobility. Thirty-five-percent mobile.

Remarks. FPTOE 55-158G approved for publication by ACSFOR, DA, at the time of preparation of this manual.

55-201G (FPTOE) HHC, Trans Ry Bde

Mission. To command and provide operational planning, supervision, coordination, and control of the activities of transportation railway groups.

Assignment. To TASCOR; normally attached to HHC, TRANSCOM (TOE 55-2).

Capabilities. At level 1, this unit—

a. Commands and supervises three or more transportation railway groups (TOE 55-202).

(1) Provides command, staff planning for, and supervision of operations.

(2) Supervises and assists in administration and supply matters.

(3) Plans for and supervises security of all buildings, structures, and equipment and of all supplies in transit by rail.

(4) Provides technical control over train movements; operation of terminals, railway shops, and enginehouses; car distribution; maintenance of tracks and structures; and allocation of motive power.

(5) Allocates maintenance-of-way supplies and equipment.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) The personnel service company (TOE 12-67) for personnel administration.

(2) The finance direct support company (TOE 14-17) for finance service support.

(3) The supporting HHD, medical group, for medical staff advice and unit-level medical service.

d. This unit will require attachment of a data processing team from TOE 11-500 for automatic data processing support.

Strength. a. Level 1: Off 56 EM 113
Aggr 169

b. Level 2: Off 56 EM 98
Aggr 154

c. Level 3: Off 56 EM 84
Aggr 140

Basis of allocation. One per three to five transportation railway groups.

Category. III.

Mobility. Fixed.

Remarks. FPTOE 55-201G approved for publication by ACSFOR, DA, at the time of preparation of this manual. When published, this unit will replace HHC, transportation railway command (TOE 55-302D).

55-202D HHC, Trans Ry Gp

Mission. To command, administer, and supervise the operation of railway operating battalions, shop battalions, and attached units.

Assignment. To COMMZ; normally attached to HHC, transportation railway command (TOE 55-302), or may operate separately under the supervision of the appropriate staff transportation officer.

Capabilities. a. This unit provides the following functions for from two to six transportation railway operating battalions and one or two transportation railway shop battalions:

(1) Command, staff planning for, and supervision of operations.

(2) Supervision of and assistance in administrative and supply matters.

(3) Planning for and supervision of security of all buildings, structures, and equipment and of all supplies in transit by rail.

(4) Technical supervision over train movements; operation of terminals, railway shops, and enginehouses; car distribution; and maintenance of tracks, structures, and motive power.

(5) Allocation of maintenance-of-way supplies and equipment.

(6) Drafting services for the entire group, as required.

b. This unit is not adaptable to a type B organization.

c. Individuals of this unit can fight as infantrymen, when required. the unit can defend itself and its installations against hostile ground attack.

Strength. a. Full: Off 26 WO 1

EM 74 Aggr 101

b. Reduced: Off 17 WO 1

EM 61 Aggr 79

Basis of allocation. One per two to six transportation railway operating battalions and one or two transportation railway shop battalions.

Category. III.

Mobility. Fixed.

Remarks. This unit will be replaced by HHC, transportation railway group (TOE 55-202G), when published.

55-202G (FPTOE) HHC, Trans Ry Gp

Mission. To command, administer, and supervise the operation of railway battalions and attached supporting units.

Assignment. To TASCOC or field army; normally attached to HHC, TRANSCOC, or transportation railway brigade.

Capabilities. a. At level 1, this unit provides the following functions for from two to six transportation railway battalions and attached supporting units, as required:

(1) Command, staff planning for, and supervision of operations.

(2) Supervision of and assistance in administrative and supply matters.

(3) Planning for and supervision of security of all buildings, structures, and equipment and of all supplies in transit by rail.

(4) Technical control over train movements; operation of terminals; car distribution; maintenance of way, structures, motive power, and equipment.

(5) Allocation of maintenance-of-way supplies and equipment.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) The personnel service company (TOE 12-67) for personnel administration.

(2) The finance direct support company (TOE 14-17) for finance service support.

(3) The supporting HHD, medical group, for medical staff advice and unit-level medical service.

(4) The theater army signal command for radio-relay system installation, operation, open-wire construction, or rehabilitation.

(5) Direct support maintenance units servicing the area for organizational maintenance of organic signal equipment.

d. This unit requires attachment of a data processing team from TOE 11-500 for automatic data processing support.

e. This unit can provide its own organizational maintenance, except for signal equipment.

Strength. a. Level 1: Off 37 WO 2

EM 76 Aggr 115

b. Level 2: Off 37 WO 2

EM 66 Aggr 105

c. Level 3: Off 37 WO 2

EM 54 Aggr 93

Basis of allocation. One per two to eight transportation railway battalions.

Category. III.

Mobility. Twenty-percent mobile.

Remarks. FPTOE 55-202G at TAG for publication and distribution at the time of preparation of this manual. When published, this unit will replace HHC, transportation railway group (TOE 55-202D).

55-217G Trans Elec Power Xmsn Co

Mission. To maintain and repair electric power transmission facilities for the transportation railway battalion.

Assignment. To transportation railway battalion (TOE 55-225), where electric motive power is operated by means of electrified catenary, when required and authorized by DA.

Capabilities. a. At level 1, this unit maintains and repairs electric power transmission facilities, including substations and catenary, for 200 miles of electrified railway, including sidetracks, passing tracks, and yard tracks.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. This unit depends on—

(1) The transportation railway battalion or other units for organizational maintenance of wheeled vehicles.

(2) A personnel service company (TOE 12-67) for personnel services.

(3) The finance direct support company (TOE 14-17) for finance service support.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 4 EM 187
Aggr 191
b. Level 2: Off 4 EM 172
Aggr 176
c. Level 3: Off 4 EM 152
Aggr 156
d. Type B: Off 4 EM 63
Aggr 67

Basis of allocation. One per railway battalion or 200 miles of electrified railway line, including sidetracks, passing tracks, and yard tracks.

Category. III.

Mobility. Fifteen-percent mobile.

55-225G Trans Ry Bn

Mission. Functioning during phase I operations (complete military operation of the railway), to operate and maintain a railway division of a theater of operations.

Assignment. To transportation railway group (TOE 55-202).

Capabilities. a. At level 1, this unit—

(1) Can operate 40 engines per day in road and yard service over approximately 90 to 150 miles of railroad.

(2) Operates a railway classification yard for the formation of trains.

(3) Can inspect, condition, and make organizational and direct support maintenance repairs on approximately 40 locomotives and 800 railroad cars; perform running inspections of approximately 2,000 railroad cars per day; and repair tools and mechanical equipment of all companies within the battalion.

(4) Can inspect and maintain approximately 90 to 150 miles of railway right-of-way (tracks) and available railway signals, electrical communications, structures, bridges, and buildings located within a railway division.

(5) Inspects and repairs wire communications and signal appurtenances used for train movements.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. Additional personnel required to augment the capabilities of this battalion will be provided by teams from TOE 55-520.

d. The transportation electric power transmission company (TOE 55-217) may be attached to this battalion when the battalion is operating a

railroad, or section of railroad, that uses electric energy for propulsion.

e. This unit depends on—

(1) The theater army signal command and/or teams from TOE 11-500 for radio-relay system installation, operation, and maintenance and for open-wire construction or rehabilitation, as required, for railway communications.

(2) Appropriate medical units for medical service.

f. Individuals of this organization except chaplain, can engage in effective, coordinated defense of the unit's area or installation. Defense of railway structures, bridges, tunnels, and trains in transit will require attachment of military police units.

Strength. a. Level 1: Off 27 WO 2
EM 718 Aggr 747
b. Level 2: Off 27 WO 2
EM 645 Aggr 674
c. Level 3: Off 27 WO 2
EM 573 Aggr 602
d. Type B: Off 27 WO 2
EM 500 Aggr 529

Basis of allocation. One per 120 miles of railway.

Category. III.

Mobility. Fixed.

Components. a. One HHC (TOE 55-226G).

b. One transportation railway engineering company (TOE 55-228G).

c. One transportation railway equipment maintenance company (TOE 55-228G).

d. One transportation train operating company (TOE 55-229G).

55-226G HHC, Trans Ry Bn

Mission. To exercise command, control, and administration of organic and attached units of the transportation railway battalion.

Assignment. Organic to transportation railway battalion (TOE 55-225).

Capabilities. a. At level 1, this unit—

(1) Provides command, staff planning, administration, control, and supervision for operations of the transportation railway battalion and assigned and attached units.

(2) Dispatches all trains operated by the battalion; supervises on-line operations; and operates railway stations and signal towers, which are the responsibility of the battalion.

(3) Provides messing facilities and organizational motor vehicle maintenance facilities for assigned units of the battalion.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. This unit can perform organizational maintenance on all organic equipment.

d. This unit depends on—

(1) The personnel service company (TOE 12-67) for personnel administration.

(2) The finance direct support company (TOE 14-17) for finance service support.

(3) Appropriate medical units for medical service.

e. Individuals of this organization, except chaplain, can engage in effective coordinated defense of the unit's area or installation. Defense of railway structures, bridges, tunnels, and trains in transit will require attachment of military police units.

Strength. a. Level 1: Off 10 WO 2
EM 115 Aggr 127
b. Level 2: Off 10 WO 2
EM 102 Aggr 114
c. Level 3: Off 10 WO 2
EM 89 Aggr 101
d. Type B: Off 10 WO 2
EM 106 Aggr 118

Basis of allocation. One per transportation railway battalion (TOE 55-225).

Category. III.

Mobility. Fixed.

55-227G Trans Ry Engr Co, Trans Ry Bn

Mission. To maintain and repair railway tracks, bridges, buildings, and railway signals and communications within a railway division.

Assignment. Organic to transportation railway battalion (TOE 55-225).

Capabilities. a. At level 1, this unit performs maintenance and repair of tracks, railway signals, electrical communications, bridges, and structures of a railway division on a 24-hour basis.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. This unit can perform organizational maintenance on organic equipment except wheeled vehicles.

d. This unit depends on—

(1) The HHC (TOE 55-226) for messing and organizational maintenance of wheeled vehicles.

(2) The theater army signal command for radio-relay system installation, operation, and maintenance and for open-wire construction or re-

habilitation, as required, for railway communications.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 6 EM 230
Aggr 236
b. Level 2: Off 6 EM 207
Aggr 213
c. Level 3: Off 6 EM 184
Aggr 190
d. Type B: Off 6 EM 134
Aggr 140

Basis of allocation. One per transportation railway battalion (TOE 55-225).

Category. III.

Mobility. Fixed.

55-228G Trans Ry Equip Maint Co, Trans Ry Bn

Mission. To inspect, service, and make running repairs on diesel-electric locomotives and rolling stock.

Assignment. Organic to transportation railway battalion (TOE 55-225).

Capabilities. a. At level 1, this unit—

(1) Services and makes running repairs on approximately 40 diesel-electric locomotives and 800 railway cars on an around-the-clock basis.

(2) Performs running inspection of 2,000 railway cars daily.

(3) Performs light repairs on tools and limited repairs on special mechanical equipment within the battalion.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. This unit depends on—

(1) The HHC (TOE 55-226) for messing facilities and organizational maintenance of wheeled vehicles.

(2) The personnel service company (TOE 12-67) for personnel administration.

(3) The finance direct support company (TOE 14-17) for finance service support.

d. If steam locomotive power is encountered, the company may be augmented with steam locomotive repair teams from TOE 55-520.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 3 EM 113
Aggr 116
b. Level 2: Off 3 EM 102
Aggr 105

c. Level 3: Off 3 EM 91

Aggr 94

d. Type B: Off 3 EM 66

Aggr 69

Basis of allocation. One per transportation railway battalion (TOE 55-225).

Category. III.

Mobility. Fixed.

55-229G Trans Tn Op Co, Trans Ry Bn

Mission. Provides road and yard personnel for the operation of locomotives and trains.

Assignment. Organic to transportation railway battalion (TOE 55-225).

Capabilities. a. At level 1, this unit—

(1) Can operate the trains and locomotives in both yard and road service and perform incidental switching service for a railway division from 90 to 150 miles long on an around-the-clock basis.

(2) Performs the necessary switching and train buildup in a large terminal, including port clearance up to a 20-mile radius of a large port.

(3) Provides 40 traincrews daily for road and/or terminal operation, including switching, classifying, and making up of trains for the road.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. this unit depends on—

(1) The HHC (TOE 55-226) for messing facilities and organizational maintenance of wheeled vehicles.

(2) The personnel service company (TOE 12-67) for personnel administration.

(3) The finance direct support company (TOE 14-17) for finance service support.

d. If steam locomotive power is encountered, the company is augmented with 50 locomotive engineers (firemen) by an MTOE action in accordance with AR 310-31.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 8 EM 260

Aggr 268

b. Level 2: Off 8 EM 234

Aggr 242

c. Level 3: Off 8 EM 209

Aggr 217

d. Type B: Off 8 EM 194

Aggr 202

Basis of allocation. One per transportation railway battalion (TOE 55-225). (May operate

separately under the supervision of an appropriate commander.)

Category. III.

Mobility. Fixed.

55-247G Diesel-Elec Loco Rep Co

Mission. To perform general support maintenance on diesel-electric locomotives and railway cranes.

Assignment. Normally to the maintenance battalion of an SMCOM field depot. May be attached to transportation railway group of TASCOTRANSCOM if the mission dictates.

Capabilities. a. At level 1, this unit—

(1) Performs general support maintenance in support of 200 diesel-electric locomotives and/or railway cranes.

(2) Performs general support maintenance on a maximum of 25 diesel-electric locomotives and cranes per month.

(3) Repairs undercarriages; removes and installs traction motors; and accomplishes such repair work, as necessary, on wheels, bearings, draft gear, safety appliances, headlight equipment, and foundation brake gear.

(4) Repairs, rewinds, bakes, and tests armatures; repairs electrical control equipment, panel boards, motors, and electrical switches; and inspects diesel-electric locomotive units.

(5) Assembles and tests new diesel-electric locomotive units.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. This unit depends on—

(1) Adjacent or collocated units for organizational maintenance of assigned motor vehicles.

(2) A personnel service unit for personnel administrative services.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 3 EM 115

Aggr 118

b. Level 2: Off 3 EM 104

Aggr 107

c. Level 3: Off 3 EM 93

Aggr 96

d. Type B: Off 3 EM 65

Aggr 68

Basis of allocation. One per 200 diesel-electric locomotive units and railway cranes in the supported railway system.

Category. III.

Mobility. Fixed.

55-248G Trans Ry Car Rep Co, GS

Mission. a. To perform general support maintenance on railway equipment.

b. To supply repair parts for organizational and direct support maintenance of railway equipment when sources of supply are not otherwise assigned in an area of operations.

Assignment. Normally to the maintenance battalion of an SMCOM field depot. May be attached to transportation railway group of the TASCOTRANSCOM if the mission dictates.

Capabilities. a. At level 1, this unit—

(1) Performs general support maintenance involving stripping, fabricating, assembling, erecting, and painting in support of 2,500 railway cars.

(2) Dismantles, assembles, and repairs box-cars, flatcars, gondola cars, tank cars, hospital cars, passenger cars, and special-purpose cars to include body and running gear; performs general support maintenance on 600 railway cars per month.

(3) Receives, stores, and issues 8,000 line items of railway supplies and repair parts per month in support of from four to six railway battalions.

(4) Provides the following annual man-hours of productive repair (approximate):

Type of repair	Level 1	Level 2	Level 3
Woodwork -----	69,900	65,240	55,920
Electrical -----	4,660	4,660	4,660
Welding -----	37,280	37,280	27,960
Painting -----	9,320	4,660	4,660
Glass repair -----	4,660	4,660	4,660
Machining -----	18,640	18,640	18,640
Canvas repair -----	9,320	9,320	4,660
Running gear and frame repair	135,140	125,820	107,180
Metal forging -----	9,320	9,320	9,320

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. This unit depends on adjacent or collocated units for organizational maintenance of assigned motor vehicles.

Strength. a. Level 1: Off 5 EM 231

Aggr 236

b. Level 2: Off 5 EM 210

Aggr 215

c. Level 3: Off 5 EM 185

Aggr 190

d. Type B: Off 5 EM 135

Aggr 140

Basis of allocation. One per 2,500 railway cars supported.

Category. III.

Mobility. Fixed.

55-260D Trans Dep Co

Mission. To receive, store, and issue all Transportation Corps items of supply.

Assignment. To COMMZ; may be attached as the Transportation Corps section of a general depot; or may operate separately, as required.

Capabilities. a. At full strength, this unit receives, stores, and issues 100 tons of Transportation Corps items of supply daily or 3,000 line items of supply per month.

b. At reduced strength, this unit receives, stores, and issues 65 tons of Transportation Corps items of supply daily or 2,000 line items of supply per month.

c. The capabilities of a type B organization are the same as those of a full-strength organization.

d. Individuals of this unit can fight as infantrymen, when required. The unit can defend itself and its installations against hostile ground attack.

Strength. a. Full: Off 6 EM 110

Aggr 116

b. Reduced: Off 6 EM 79

Aggr 85

c. Type B: Off 6 EM 55

Aggr 61

Basis of allocation. One per 3,000 short tons of Transportation Corps supplies consumed per month in a theater of operations.

Category. III.

Mobility. Fixed.

55-302D HHC, Trans Ry Comd

Mission. To command and provide operational planning, supervision, coordination, and control for the activities of transportation railway groups.

Assignment. Normally to theater.

Capabilities. a. This unit—

(1) Commands and supervises two or more transportation railway groups (TOE 55-202).

(2) Plans and directs the transportation effort in the operation and maintenance of rail terminals and rail lines of communications.

(3) Reviews supply requirements and supervises procurement and allocation of equipment and materiel.

(4) Supervises subordinate units' administration, mess, supply, and maintenance to include personnel requirements and allocation of replace-

ments; furnishes direct administrative assistance to its separate companies or detachments that are not attached to groups.

b. This unit is not adaptable to a type B organization.

c. Individuals of this unit, except chaplain, can fight as infantrymen, when required. The unit can defend itself and its installations against hostile ground attack.

Strength. a. Full: Off 40 EM 99
Aggr 139
b. Reduced: Off 33 EM 78
Aggr 111

Basis of allocation. One per two or more transportation railway groups.

Category. III.

Mobility. Fixed.

Remarks. This unit will be replaced by HHC, transportation railway brigade (TOE 55-201G), when published.

55-447F Acft Dep Sup Co

Mission. To provide repair parts depot supply support for Army aircraft and Army aircraft armament subsystems and special aircraft maintenance tools.

Assignment. To COMMZ; normally attached to HHC, field depot (TOE 29-512).

Capabilities. a. At full strength, this unit receives, stores, and provides wholesale issue at each of two dispersed sites:

(1) 12,000 line items of aircraft repair parts and special maintenance tools.

(2) 1,500 line items of aircraft armament subsystem repair parts.

b. To support the requirement for 18,000 line items of aircraft repair parts and special tools, and 2,000 line items of aircraft armament repair parts, and to provide dispersed operating sites, it is necessary to provide some duplication of stockage within the unit. By limiting this duplication to fast-moving items in each category, the total unit capability is increased to 24,000 line items of aircraft repair parts, and 3,000 line items of aircraft armament repair parts, as shown below.

<i>Capability</i>	<i>1st plat</i>	<i>2d plat</i>	<i>Total</i>	<i>Total required support</i>
Aircraft repair parts.	6,000 (dup) 6,000 (dif)	6,000 (dup) 6,000 (dif)	12,000 12,000	18,000
Total capability -	12,000	12,000	24,000	18,000
Armament repair parts.	1,000 (dup) 500 (dif)	1,000 (dup) 500 (dif)	2,000 1,000	2,000
Total capability -	1,500	1,500	3,000	2,000
Total requirement				20,000

c. At reduced strength, the capabilities of this unit are reduced 50 percent.

d. The capabilities of a type B organization are the same as those of a full-strength organization.

e. Technical inspection and maintenance required on depot stocks will be provided by a transportation aircraft maintenance company.

f. Transceivers for the automatic data processing system will be furnished by a team from TOE 11-500 unless otherwise provided.

g. This unit depends on a personnel service unit for personnel action support.

h. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Full: Off 4 EM 186
Aggr 190
b. Reduced: Off 3 EM 99
Aggr 102
c. Type B: Off 4 EM 120
Aggr 124

Basis of allocation. One per 18,000 line items of aircraft repair parts and special aircraft maintenance tools and 2,000 line items of aircraft armament subsystem repair parts. Normally three per COMMZ in support of a 12-division force.

Category. III.

Mobility. Fixed.

Remarks. This unit will be replaced by aircraft and missile repair parts supply company, general support (TOE 29-129G), when published.

55-456G (FPTOE) HHD, Trans Acft Maint GS Bn

Mission. To provide command, control, staff planning, and administrative and technical supervision for attached aircraft maintenance companies.

Assignment. To FASCOM; attached to support group, army support brigade.

Capabilities. a. At level 1, this unit—

(1) Provides command, planning, and supervision for the activities of from two to six aircraft maintenance general support companies.

(2) Performs organizational maintenance on all authorized organic equipment except communication equipment. Performs limited organizational maintenance on communication equipment; however, depends on direct support units serving the area for complete organizational maintenance. Performance of organizational maintenance on aircraft depends on utilization of facilities of aviation units in the proximate area.

(3) Operates the battalion communication system, including wire and radio.

(4) Provides religious services for the battalion.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) An appropriate personnel service unit for processing personnel administrative actions.

(2) A finance service organization for finance services.

d. Individuals of this organization, except chaplain, can engage in effective, coordinated defense of the unit's area or installation. This unit can provide the following area damage control potential:

Type of element	Number	Estimate degradation of mission capabilities (percentage)
Area damage control party -----	1	20
<i>Strength.</i> a. Level 1: Off 11 WO 2 EM 48 Aggr 61		
b. Level 2: Off 11 WO 2 EM 42 Aggr 55		
c. Level 3: Off 11 WO 2 EM 36 Aggr 49		

Basis of allocation. Normally one per support group, army support brigade.

Category. II.

Mobility. Fifty-percent mobile.

Remarks. FPTOE 55-456G approved for publication by ACSFOR, DA, at the time of preparation of this manual. When published, this unit will replace HHC, transportation aircraft maintenance and supply general support battalion (TOE 55-66F).

55-457G Trans Acft DS Co

Mission. To perform direct support maintenance on Army aircraft, aircraft armament, and avionic equipment and to provide related supply and recovery support for nondivisional aviation units.

Assignment. To field army, corps, or LOGCOMD.

Capabilities. a. This unit provides—

(1) The following repairman man-hours per month for direct support maintenance of aircraft and aircraft armament and avionic equipment:

Type of repair activity	Level 1	Level 2	Level 3
Aircraft -----	21,600	19,400	17,400
Avionics -----	3,600	3,200	2,800
Armament -----	800	600	600

(2) Repair parts and related supply items for equipment repaired by the unit and repair parts to supported units.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. This unit depends on the servicing personnel activity for personnel administration.

d. Limitations:

(1) This unit cannot furnish direct support maintenance for OV-1 (Mohawk) aircraft. This support is furnished by transportation aircraft maintenance general support company (TOE 55-458).

(2) This unit depends on teams from TOE 1-500 or the TOE 29-600 series for operation of a unit airfield when not collocated with an aviation operation unit.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

<i>Strength.</i> a. Level 1: Off 7 WO 5 EM 253 Aggr 265	
c. Level 2: Off 7 WO 5 EM 229 Aggr 241	
c. Level 3: Off 7 WO 5 EM 200 Aggr 212	
d. Type B: Off 7 WO 5 EM 211 Aggr 223	

Basis of allocation. One per 21,600 man-hours per month required for direct support aircraft maintenance. Normally four companies per corps area and four for army service area.

Category. II.

Mobility. Approximately fifty-percent mobile.

55-458G Trans Acft Maint GS Co

Mission. To perform general support maintenance on Army aircraft, aircraft armament, and avionic equipment.

Assignment. To FASCOM, corps support brigade, or LOGCOMD; normally attached to transportation aircraft maintenance and supply general support battalion.

Capabilities. a. This unit provides—

(1) The following indicated repairman man-hours per month for general support maintenance of aircraft, aircraft armament, and avionic equipment:

Type of repair activity	Level 1	Level 2	Level 3
Aircraft -----	29,800	26,800	24,000
Avionics -----	4,800	4,400	4,000
Armament -----	2,400	2,200	2,000

(2) Shop stocks of repair parts and related supply items for equipment repaired by the unit.

(3) Both direct support and general support maintenance on SLAR equipment for the OV-1 (Mohawk) aircraft.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. This unit depends on—

(1) The servicing personnel activity for personnel administration.

(2) Teams from TOE 1-500 or the TOE 29-600 series for operation of a unit airfield when not collocated with an aviation operation unit.

d. Individuals of this organization can engage in limited, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 5 WO 8
EM 277 Aggr 290
b. Level 2: Off 5 WO 8
EM 248 Aggr 261
c. Level 3: Off 5 WO 8
EM 218 Aggr 231
d. Type B: Off 5 WO 8
EM 224 Aggr 237

Basis of allocation. One per 29,800 man-hours per month required for aircraft general support and/or backup direct support maintenance. Normally 12 companies in general support of divisional and nondivisional units of a field army.

Category. a. When employed in the combat zone: II.

b. When employed in the COMMZ: III.

Mobility. Approximately 50-percent mobile.

55-465G Trans Acft Dep Maint Bn (Seaborne)

Mission. a. To provide depot maintenance for Army aircraft components, avionic equipment, aircraft armament systems, and parachutes.

b. To provide direct support and general support maintenance for Army aircraft, avionic equipment, aircraft armament systems, and parachutes to combat, combat support, and combat service support elements in a combat zone where facilities of land-based service organizations are not immediately available.

Assignment. To USAMC; normally attached to TASCOC.

Capabilities. a. This unit provides the following man-hours per month for repair and overhaul of aircraft components, avionic equipment, aircraft armament, and parachutes. (Man-hours available per repairman per month are 246 for category II unit and 266 for category III unit.)

Type of repairman	Level 1		Level 2		Level 3	
	Cat II	Cat III	Cat II	Cat III	Cat II	Cat III
Aircraft components,	36,408	39,368	33,456	36,176	29,028	31,388
Avionics ---	4,920	5,320	3,936	4,256	3,444	3,724
Aircraft armament,	984	1,064	984	1,064	984	1,064
Parachute --	984	1,064	984	1,064	984	1,064
Total man-hours,	43,296	46,816	39,360	42,560	34,440	37,240

b. This unit is not adaptable to a type B organization.

c. This unit commands, controls, and supervises up to two attached aircraft maintenance or supply units.

d. This unit depends on—

(1) The naval ship's services for mess facilities.

(2) TA 50-874 for certain shop equipment, tools, and machines required for performance of its mission and for communication equipment.

(3) A unit designated by the local commander for organizational maintenance of wheeled vehicles.

(4) Mess teams from TOE 29-500 when the support vessel is temporarily stationed in a CONUS port.

Strength. a. Level 1: Off 16 WO10
EM 339 Aggr 365
b. Level 2: Off 16 WO10
EM 306 Aggr 332
c. Level 3: Off 16 WO 10
EM 270 Aggr 296

Basis of allocation. One per 34,440 to 46,816 maintenance man-hours per month required for depot maintenance (or direct support and/or general support) of aircraft components avionic equipment, aircraft armament systems, and parachutes.

Category. a. When employed in direct support role: II.

b. When providing general support and depot support: III.

Mobility. Fixed; 100-percent mobile while aboard the vessel.

Components. a. One HHC (TOE 55-466G).

b. One transportation aircraft depot maintenance company (seaborne) (TOE 55-467G).

55-466G HHC, Trans Acft Dep Maint Bn (Seaborne)

Mission. a. To provide command and control for assigned or attached aircraft maintenance companies and supply companies.

b. To provide technical laboratories for, and

quality assurance and control of, subordinate units' aircraft maintenance shop operations.

c. To provide mission supply support for subordinate units.

Assignment. Organic to transportation aircraft depot maintenance battalion (seaborne) (TOE 55-465).

Capabilities. a. At level 1, this unit provides—

(1) Command, control, staff planning, and administration for from one to four aircraft depot maintenance companies and supply companies.

(2) Technical laboratory services for testing metals, fluids, and fabrics.

(3) Quality assurance and control of subordinate units' shop operations.

(4) Mission supply support for one subordinate aircraft depot maintenance company. When the number of subordinate units is increased, the number of supply personnel must be increased proportionate to the workload imposed. Personnel increases will be accomplished by the MTOE method.

(5) Facility support for—

(a) Maintenance and repair of production equipment installed aboard the vessel.

(b) Radio communications required by the unit.

(c) Medical, dental, and chaplain services for shipboard personnel (Army and MSTs).

(d) Flight operations control of the shipboard helipads.

(e) Lighterage (aircraft and watercraft) support required for transport of personnel and cargo from ship to shore.

(f) Personnel administrative service for subordinate units.

(6) Unit-level medical service for shipboard personnel (Army and MSTs) to include medicine, occupational medicine, dispensary service, emergency dental service, and operation of a 20-bed holding unit.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) An ocean-type vessel for shop facilities.
(2) The naval ship's services for mess facilities.

(3) TA 50-874 for shop equipment, tools, and machines required for performance of its primary mission and for communication equipment that is not installed property or authorized in this TOE.

(4) A unit designated by the local commander for organizational maintenance of wheeled vehicles.

d. Individuals of this unit, except medical and chaplain officers, can engage in limited defense of the unit's area or installation. Limitation is based on the fact that all personnel aboard the vessel are not armed with an individual weapon because of the limited arms room storage space.

Strength. a. Level 1: Off 14 WO 5
EM 127 Aggr 146

b. Level 2: Off 14 WO 5
EM 117 Aggr 136

c. Level 3: Off 14 WO 5
EM 102 Aggr 121

Basis of allocation. One per transportation aircraft depot maintenance battalion (seaborne), TOE 55-465.

Category. a. When employed in direct support role: II.

b. When providing general support and depot support: III.

Mobility. Fixed; 100-percent mobile while aboard the vessel.

55-467G Trans Acft Dep Maint Co, Trans Acft Dep Maint Bn (Seaborne)

Mission. a. To provide depot maintenance support for Army aircraft components, avionic equipment, aircraft armament, and parachutes, as required.

b. To provide backup direct support and/or general support maintenance for aircraft, aircraft components, avionic equipment, aircraft armament, and parachutes, as required.

Assignment. Organic to transportation aircraft depot maintenance battalion (seaborne) (TOE 55-465).

Capabilities. a. This unit provides the following man-hours per month for repair and overhaul of aircraft components, avionic equipment, aircraft armament, and parachutes. (Man-hours available per repairman per month are 246 for category II unit and 266 for category III unit.)

Type of repairman	Level 1		Level 2		Level 3	
	Cat II	Cat III	Cat II	Cat III	Cat II	Cat III
Aircraft components.	36,408	39,368	33,456	36,176	29,028	31,888
Avionics ---	4,920	5,320	3,936	4,256	3,444	3,724
Aircraft armament.	984	1,064	984	1,064	984	1,064
Parachute --	984	1,064	984	1,064	984	1,064
Total	43,296	46,816	39,360	42,560	34,440	37,240
man-hours.						

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

- (1) The HHC (TOE 55-466) for—
 - (a) Unit supply activities.
 - (b) Mission shop supply activities.
 - (c) Shop equipment maintenance support.
 - (d) Administrative transport from ship to shore and air and ground transport when engaged in direct support of land-based units.
 - (e) Personnel administrative actions.
 - (f) Medical and dental service support.
- (2) The MSTS complement for mess facilities.

d. Individuals of this organization can engage in limited defense of the unit's area or installation. Limitation is based on the fact that all personnel aboard the vessel are not armed with an individual weapon because of the limited arms room storage space.

- Strength.* a. Level 1: Off 2 WO 5
EM 212 Aggr 219
- b. Level 2: Off 2 WO 5
EM 189 Aggr 196
- c. Level 3: Off 2 WO 5
EM 168 Aggr 175

Basis of allocation. Normally one per transportation aircraft depot maintenance battalion (seaborne) (TOE 55-465).

Category. a. When employed in direct support role: II.

b. When providing general support and depot support: III.

Mobility. Fixed; 100-percent mobile while aboard the vessel.

55-500G Trans Svc Org HQ Units

Mission. To provide command, control, and supervision for a transportation separate platoon, company, or battalion organized by attachment of operational elements from transportation railway service teams (TOE 55-520), transportation watercraft teams (TOE 55-530), transportation motor transport teams (TOE 55-540), watercraft maintenance teams (TOE 55-550), transportation terminal service teams (TOE 55-560), aircraft maintenance teams (TOE 55-570), and/or transportation movement control teams (TOE 55-580). The mission of each individual HQ unit is as indicated in the detailed breakdown of teams below.

Assignment. The HQ units will be attached or assigned, as required, to higher echelon units. The assignment of individual HQ units is as indicated in the detailed breakdown of teams below.

Capabilities. a. The capabilities of individual HQ units are as indicated in the detailed breakdown of teams below.

b. These HQ units are not adaptable to levels 2 and 3 or to a type B organization.

c. Unless specifically provided for in the individual teams, these teams must be furnished personnel, administration, supply, mess, and organizational maintenance service. If not provided by the unit to which attached or assigned, mess and automotive maintenance teams will be drawn from appropriate service organization TOE of the service concerned or provided on an area basis, as required.

Strength. See individual teams below for strengths.

Basis of allocation. Allocations are as indicated in the detailed breakdown of teams below.

Category. III.

Mobility. One hundred-percent mobile.

Detailed Breakdown of Teams Teams AA—AD

Team AA, platoon headquarters component

Mission. To command two or more teams as a component of a higher unit.

Assignment. To transportation company or comparable unit.

Capabilities. Provides command for a platoon that will normally be composed of more than one team with an aggregate strength of not less than 40 individuals and that will operate as a component of a larger organization.

Strength. Off 1 EM 1 Aggr 2

Basis of allocation. One per two or more service teams with a total strength of not less than 40 individuals and to which a commissioned officer is not organically assigned.

Team AB, platoon headquarters, separate

Mission. To command two or more teams in a separate operation.

Assignment. To transportation company or comparable unit.

Capabilities. Provides command and administrative control for a platoon that will normally be composed of more than one team with an aggregate strength of not less than 40 individuals and to which a commissioned officer is not organically assigned.

Strength. Off 1 EM 2 Aggr 3

Basis of allocation. One per two or more service teams with a total strength of not less than 40 individuals and to which a commissioned officer is not organically assigned.

Team AC, company headquarters

Mission. To command the equivalent of two or more platoons.

Assignment. To transportation battalion or group or may operate separately.

Capabilities. Provides command and administrative control for the equivalent of two or more platoons.

Strength. Off 1 EM 6 Aggr 7

Basis of allocation. One per unit consisting of two or more service platoons with a company strength of not less than 80 individuals.

Team AD, battalion headquarters

Mission. To command assigned or attached transportation companies, detachment, or teams.

Assignment. Normally attached to transportation group or brigade but may operate separately.

Capabilities. Provides command and administrative control for from three to seven transportation companies or detachments or teams of equivalent size.

Strength. Off 6 EM 20 Aggr 26

Basis of allocation. One per three to seven service companies or combination of companies, detachments, or teams; or as determined by the field army or COMMZ commander.

55-520G Trans Ry Svc Tms

Mission. The mission of each individual team is as indicated in the detailed breakdown of teams below.

Assignment. Teams may be attached or assigned, as required, to higher echelon units or may be organized into service units to perform the functions required by existing conditions. The assignment of individual teams is as indicated in the detailed breakdown of teams below.

Capabilities. a. The capabilities of individual teams are as indicated in the detailed breakdown of teams below.

b. These teams are not adaptable to levels 2 and 3.

c. These teams are not adaptable to a type B organization except as noted for specific teams.

d. When type B strength is shown, the capabilities are the same as those of a level 1 organization.

e. Unless specifically provided for in the individual teams, these teams must be furnished personnel, administration, supply, mess, and organizational maintenance service. If not provided by the unit to which attached or assigned, mess and automotive maintenance teams are drawn from

TOE 29-500 and the TOE 29-600 series. Other service support is drawn from appropriate service organization TOE of the service concerned or provided on an area basis, as required. Teams may be grouped under appropriate TOE 55-500 HQ elements for command and control.

Strength. See individual teams below for strengths.

Basis of allocation. Allocations are as indicated in the detailed breakdown of teams below.

Category. III.

Mobility. See individual teams below for mobility.

**Detailed Breakdown of Teams
Teams EA-EM**

Team EA, ambulance train maintenance crew (direct support)

Mission. To perform running repairs on ambulance train railway cars.

Assignment. To the senior transportation railway unit in a theater of operations.

Capabilities. Performs running repairs on one ambulance train.

Strength. EM 3

Basis of allocation. One per ambulance train.

Mobility. One hundred-percent mobile by rail.

Team EB, ambulance train maintenance (augmentation)

Mission. To augment railway car repair crew (team EH) when required to perform direct support maintenance repairs on ambulance trains.

Assignment. To railway car repair crew (direct support) (team EH).

Capabilities. Provides refrigeration and supply specialists necessary for direct support maintenance of four ambulance trains.

Strength. EM 3

Basis of allocation. One per four ambulance trains to be maintained.

Mobility. Fixed.

Team EC, railway station detachment

Mission. To operate an on-line railway station.

Assignment. To transportation railway battalion (TOE 55-225) or comparable unit.

Capabilities. Provides a detachment to operate a small- or medium-size on-line railway station facility in a depot or other installation served by the transportation railway service. Augments a transportation railway battalion.

Strength. EM 4

Basis of allocation. One for each on-line rail-

way station or depot railway station facility required when the number of such stations to be operated exceeds the capabilities of a transportation railway battalion.

Mobility. Fixed.

Team ED, railway terminal detachment

Mission. To operate a railway terminal on a 24-hour basis.

Assignment. To transportation railway battalion (TOE 55-225) or comparable unit.

Capabilities. Operates a railway terminal with a capacity of 10 trains per day.

Strength. Off 1 EM 7 Aggr 8

Basis of allocation. One per railway terminal when the number of such terminals to be operated exceeds the capabilities of a transportation railway battalion.

Mobility. Fixed.

Team EE, railway section crew

Mission. To perform railway maintenance of way.

Assignment. To transportation railway battalion (TOE 55-225) or comparable unit.

Capabilities. a. Maintains approximately 15 track-miles (tracks, roadbeds, switches, and miscellaneous railway facilities).

b. This team is adaptable to a type B organization.

Strength. a. Level 1: EM 14

b. Type B: EM 2

Basis of allocation. As required in consonance with stated capability.

Mobility. One hundred-percent mobile by rail.

Team EF, steam locomotive maintenance crew (direct support)

Mission. To perform direct support maintenance on steam locomotives.

Assignment. To transportation railway battalion (TOE 55-225) or comparable unit.

Capabilities. a. Performs direct support maintenance on seven steam locomotives.

b. This team is adaptable to a type B organization.

Strength. a. Level 1: EM 16

b. Type B: EM 14

Basis of allocation. One per seven steam locomotives for which the U.S. Army has direct support maintenance responsibility.

Mobility. Fixed.

Team EG, diesel-electric locomotive maintenance crew (direct support)

Mission. To perform direct support maintenance on diesel-electric locomotives.

Assignment. To transportation railway battalion (TOE 55-225) or comparable unit.

Capabilities. a. Performs direct support maintenance on seven diesel-electric locomotives and 50 railway cars at a small terminal. Augments a transportation railway battalion.

b. This team is adaptable to a type B organization.

Strength. a. Level 1: EM 17

b. Type B: EM 14

Basis of allocation. One per seven diesel-electric locomotives and 50 railway cars requiring direct support maintenance when direct support maintenance requirements for diesel-electric locomotives exceed the capabilities of a transportation railway battalion.

Mobility. Fixed.

Team EH, railway car repair (direct support)

Mission. To inspect and perform direct support maintenance on railway cars at points distant from fixed facilities.

Assignment. To transportation railway battalion (TOE 55-225) or comparable unit.

Capabilities. a. Inspects and performs direct support maintenance on from 300 to 350 railway cars.

b. Augments a transportation railway battalion.

c. When augmented by team EB, can perform direct support maintenance on ambulance trains.

d. This team is adaptable to a type B organization.

Strength. a. Level 1: EM 20

b. Type B: EM 17

Basis of allocation. One per 300 to 350 railway cars for which inspection and maintenance are required beyond the capabilities of other railway maintenance units.

Mobility. Fixed.

Team EI, railway yard operating detachment

Mission. To operate a railroad yard.

Assignment. To transportation railway battalion (TOE 55-225) or comparable unit.

Capabilities. a. Operates a railroad yard on a 24-hour basis when yard traincrews are provided and when not more than two receiving and classification yards, including humps, etc., are to be operated.

b. Inspects and performs running repairs on rolling stock transiting the yard.

c. Inspects and, as necessary, adjusts or secures loads on cars passing through the yard.

d. Augments a transportation railway battalion.

Strength. Off 1 EM 26 Aggr 27

Basis of allocation. One per railroad yard of 500-car-per-day capacity when the number of such yards to be operated exceeds the capabilities of a transportation railway battalion.

Mobility. Fixed.

Team EJ, bridge and building maintenance (direct support)

Mission. To maintain railway bridges and buildings.

Assignment. To transportation railway battalion (TOE 55-225) or comparable unit.

Capabilities. a. Maintains bridges and buildings along 45 to 75 track-miles.

b. This team is adaptable to a type B organization.

Strength. a. Level 1: EM 26

b. Type B: EM 22

Basis of allocation. As required in consonance with stated capability.

Mobility. Fifty-percent mobile by organic vehicles and rail equipment.

Team EK, railway train operating section

Mission. To operate trains.

Assignment. To transportation railway battalion (TOE 55-225) or comparable unit.

Capabilities. Operates three trains on a 24-hour basis in either road or switching service.

Strength. Off 1 EM 25 Aggr 26

Basis of allocation. As required in consonance with stated capability.

Mobility. Fixed.

Team EL, railway workshop, mobile (direct support)

Mission. To perform direct support maintenance on diesel-electric locomotives and rolling stock in areas where static facilities are inadequate or nonexistent.

Assignment. To HHC, transportation railway group (TOE 55-202); transportation railway battalion (TOE 55-225); or comparable unit.

Capabilities. a. On a 24-hour daily basis—

(1) Inspects and performs direct support maintenance on 20 diesel-electric locomotives and 100 railway cars.

(2) Assembles railway equipment.

b. This team is adaptable to a type B organization.

Strength. a. Level 1: Off 2 EM 48

Aggr 50

b. Type B: Off 2 EM 40

Aggr 42

Basis of allocation. One per transportation railway battalion or as required.

Mobility. One hundred-percent mobile when equipment is mounted on railroad cars.

Team EM, railway maintenance-of-way crew

Mission. To perform maintenance-of-way functions.

Assignment. To transportation railway battalion (TOE 55-225) or comparable unit.

Capabilities. a. Maintains approximately 40 track-miles (including tracks, bridges, buildings, and railway signals and communication lines) in a large terminal area.

b. This team is adaptable to a type B organization.

Strength. a. Level 1: Off 1 EM 59

Aggr 60

b. Type B: Off 1 EM 21

Aggr 22

Basis of allocation. As required in consonance with stated capability.

Mobility. Fifty-percent mobile by organic vehicles and rail equipment.

55-530G Trans Watercraft Tms

Mission. The mission of each individual team is as indicated in the detailed breakdown of teams below.

Assignment. a. Teams FA through FI provide a transportation terminal HQ, the manning and equipment levels required for specified watercraft to be authorized the terminal HQ by MTOE method, or the teams may be grouped under an appropriate HQ unit (TOE 55-500).

b. Teams FJ through FN are normally assigned to TASCOT and attached to transportation terminal HQ.

Capabilities. a. The capabilities of individual teams are as indicated in the detailed breakdown of teams below.

b. These teams are not adaptable to levels 2 and 3 or to a type B organization.

c. Unless specifically provided for in the individual teams, these teams must be furnished personnel, administration, supply, mess, and organizational maintenance service. If not provided by the unit to which attached or assigned, mess and automotive maintenance teams are drawn from appropriate service organization TOE of the service concerned or provided on an area basis, as required.

Strength. See individual teams below for strengths.

Basis of allocation. As required.

Category. III.

Mobility. See individual teams below for mobility.

Detailed Breakdown of Teams Teams FA—FN

Team FA, deck cargo barge crew, nonpropelled

Mission. To transport dry deck cargo.

Capabilities. Transport 105 tons of deck cargo at 4 knots.

Strength. EM 2

Mobility. Can be loaded on the deck of another vessel for transoceanic movement.

Team FB, picket boat, 46-foot

Mission. To provide water transportation for patrol, command, inspection, and general utility services in support of terminal or inland water operations.

Capabilities. Carries up to 10 passengers at average speed of 14 knots.

Strength. EM 3

Mobility. Can be loaded on the deck of another vessel for transoceanic movement.

Team FC, deck or liquid barge, 120-foot, nonpropelled

Mission. To crew barge and to provide pump operators and lighterage for bulk liquid cargoes in waterway operations; the barge is capable of transporting cargo on deck.

Capabilities. When under tow, lighters up to 4,160 barrels of liquid cargo or up to 655 short tons of dry cargo on deck.

Strength. EM 4

Mobility. Can be towed overseas.

Team FD, harbor tug, 45-foot

Mission. To perform tug and towing services in support of terminal and inland waterway operations.

Capabilities. Shifts small, nonpropelled barges at variable speeds up to 6 knots. Assists in patrolling, firefighting, and general utility use.

Strength. EM 4

Mobility. One hundred-percent mobile in coastal or inland waterways.

Team FE, passenger and cargo boat, 65-foot, or picket boat, 65-foot

Mission. To provide transportation in harbor area for personnel and cargo in support of terminal operations.

Capabilities. Transports 27 short tons of cargo or 24 passengers at average speed of 11 knots. Serves as command and control craft for boat operations.

Picket boat can patrol offshore at speed of 12 knots with troop capacity of five.

Strength. EM 5

Mobility. May be deck loaded on a larger vessel for transoceanic movement.

Team FF, refrigerator barge crew, nonpropelled

Mission. To transport refrigerated cargo.

Capabilities. Barge design 7010 (14,200 cubic feet, 120 feet long). Transports 355 tons of refrigerated cargo at 4 knots.

Strength. EM 6

Mobility. Can be deck loaded for transoceanic movement.

Team FG, harbor tug, 65-foot

Mission. To perform tug and towing service in support of terminal operations.

Capabilities. Shifts barges of all sizes at variable speeds up to 11 knots. Assists in docking and undocking of large vessels and in firefighting.

Strength. WO 2 EM 5 Aggr 7

Mobility. One hundred-percent mobile in coastal or inland waterways.

Team FH, barge crane, 68-short ton

Mission. To load and discharge heavy-lift cargo that is beyond the capability of ship's gear.

Capabilities. Makes individual lifts up to 68 short tons.

Strength. WO 1 EM 9 Aggr 10

Mobility. Can be towed to oversea areas.

Team FI, barge crane, 100-short ton

Mission. To load and discharge heavy-lift cargo that is beyond the capability of the ship's gear.

Capabilities. Makes individual lifts up to 100 short tons.

Strength. WO 1 EM 13 Aggr 14

Mobility. Can be towed to oversea areas.

Teams FJ, harbor tug, 100-foot

Mission. To perform tug and general towing services in support of terminal operations.

Capabilities. Performs heavy tows within a harbor area or limited offshore towing between terminals. Berths and unberths oceangoing vessels. Can transport itself in transoceanic voyages.

Strength. WO 4 EM 10 Aggr 14

Mobility. One hundred-percent mobile in ocean and coastal or inland waterways.

Team FK, oceangoing tug, 126-foot

Mission. To make ocean tows of barges and vessels.

Capabilities. Makes ocean tows of barges and vessels.

Strength. WO 6 EM 12 Aggr 18

Mobility. One hundred-percent mobile in ocean and coastal or inland waterways.

Team FL, liquid, dry, or refrigerated cargo barge, 210-foot, self-propelled

Mission. To provide crew and vessel for transport of liquid, dry, or refrigerated cargo in terminals or along coastwide routes not otherwise served by MSTs.

Capabilities. Lighters or transports in coastwide traffic 11,000 barrels (1,835,740 liters) of liquid cargo in a single lift, transports 1,000 short tons of refrigerated cargo in a single lift, or transports 1,000 short tons of dry cargo.

Strength. WO 6 EM 22 Aggr 28

Mobility. One hundred-percent mobile in ocean and coastal or inland waterways.

Team FM, beach discharge lighter

Mission. To transport large quantities of mobile and/or outsize equipment and unitized cargo from ships standing offshore to undeveloped beaches.

Capabilities. Marries with and discharges an ocean roll-on/roll-off vessel where port facilities for the roll-on/roll-off vessel are not available. Moves missiles and special cargoes.

Strength. WO 8 EM 31 Aggr 39

Mobility. One hundred-percent mobile in ocean and terminal, coastal, or inland waterways.

Team FN, lighter, amphibious, LARC-LX

Mission. To provide amphibious lighterage services primarily for items of heavy, outsize, or bulky equipment.

Capabilities. a. Transports daily, operating two 10-hour shifts, 450 short tons of heavy, outsize, or bulky equipment, based on 75-percent availability of four LARC-LX, each making five trips per day carrying 30 tons per trip.

b. Each LARC-LX has a rated capacity of 60 short tons or 125 combat-equipped personnel.

c. This team depends on the unit to which attached for mess, personnel administration, and logistic support.

Strength. Off 2 WO 1 EM 44 Aggr 47

Mobility. One hundred-percent mobile for limited overland movement or by inland waterway movement.

55-540G TMT Tms

Mission. The mission of each individual squad or team is as indicated in the detailed breakdown of teams below.

Assignment. Squads or teams may be attached or assigned, as required, to higher echelon units or may be organized into service units to perform the functions required by existing conditions. The assignment of individual squads or teams is as indicated in the detailed breakdown of teams below.

Capabilities. a. The capabilities of individual teams are as indicated in the detailed breakdown of teams below.

b. These teams are not adaptable to levels 2 and 3.

c. These teams are not adaptable to a type B organization except as noted for specific teams.

d. When type B strength is shown, the capabilities are the same as those of a level 1 organization.

e. Unless specifically provided for in the individual teams, these teams must be furnished personnel, administration, supply, mess, and organizational maintenance service. If not provided by the unit to which attached or assigned, mess and automotive maintenance teams will be drawn from TOE 29-500 and the TOE 29-600 series. Other service support will be drawn from appropriate service organization TOE of the service concerned or provided on an area basis, as required. Teams may be grouped under appropriate TOE 55-500 HQ elements for command and control.

Strength. See individual teams below for strengths.

Basis of allocation. Allocations are as indicated in the detailed breakdown of teams below.

Category. III.

Mobility. See individual teams below for mobility.

Detailed Breakdown of Squads and Teams

Teams GA—GG

Team GA, car squad

Mission. To transport passengers, messengers, and a limited amount of cargo by sedan, 1/4-ton utility truck, or 3/4-ton cargo truck.

Assignment. To theater army or FASCOM. Normally attached to HHD, transportation motor transport battalion (TOE 55-16), or may operate separately under the supervision of the appropriate staff movement officer.

Capabilities. a. When equipped with sedans, transports 40 passengers per lift based on eight available sedans.

b. When equipped with 1/4-ton utility trucks, transports 24 passengers and 2 tons of cargo (1/4

ton per trailer) per lift based on eight available $\frac{1}{4}$ -ton utility trucks.

c. When equipped with $\frac{3}{4}$ -ton cargo trucks, transports 64 passengers or 12 tons of cargo ($\frac{3}{4}$ ton per truck and trailer) per lift based on eight available $\frac{3}{4}$ -ton cargo trucks.

Strength. EM 12

Basis of allocation. One squad equipped with appropriate vehicles to transport requirements indicated by the capabilities listed above.

Mobility. One hundred-percent mobile.

Team GB, bus squad

Mission. To transport personnel or litter patients by bus.

Assignment. To theater army or FASCOM. Normally attached to HHD, transportation motor transport battalion (TOE 55-16), or may operate separately under the supervision of the appropriate staff movement officer.

Capabilities. Transports 185 passengers (five available buses carrying 37 passengers each) or 90 litter patients (5 available buses carrying 18 litter patients each) per lift in local haul.

Strength. EM 8

Basis of allocation. One per 185 passengers or 90 litter patients to be transported in one lift or 740 passengers or 270 litter patients to be transported per day in local hauls.

Mobility. One hundred-percent mobile.

Team GC, heavy truck squad

Mission. To transport general and outsize or heavy-lift cargo by heavy truck tractor-semi-trailer combinations.

Assignment. To theater army or FASCOM. Normally attached to motor transport company or may operate separately under the supervision of the appropriate staff movement officer.

Capabilities. Operating two 10-hour shifts, transports 150 short tons per lift in local or line haul based on 50 tons per each three available truck tractor-semi-trailer combinations.

Strength. EM 18

Basis of allocation. One per 150 short tons of cargo to be transported.

Mobility. One hundred-percent mobile.

Team GD, light truck squad

Mission. To transport personnel or cargo by light truck.

Assignment. To theater army or FASCOM. Normally attached to motor transport company

or may operate separately under the supervision of the appropriate staff movement officer.

Capabilities. a. When equipped with $2\frac{1}{2}$ -ton cargo trucks, transports 32 tons of cargo or 160 passengers per lift based on eight available trucks and eight available $1\frac{1}{2}$ -ton cargo trailers.

b. When equipped with 5-ton cargo trucks, transports 52 tons of cargo or 176 passengers per lift based on eight available trucks and eight available $1\frac{1}{2}$ -ton cargo trailers.

Strength. EM 22

Basis of allocation. One squad equipped with appropriate trucks to transport requirements indicated by capabilities listed above.

Mobility. One hundred-percent mobile.

Team GE, medium truck squad

Mission. To transport general cargo, bulk petroleum products, or refrigerated cargo by medium truck tractor-semi-trailer combinations.

Assignment. To theater army or FASCOM. Normally attached to motor transport company or may operate separately under the supervision of the appropriate staff movement officer.

Capabilities. a. When equipped with the 12-ton stake and platform semi-trailer, transports 96 tons of cargo per lift based on eight available semi-trailer tractor combinations, each carrying 12 tons.

b. When equipped with the 5,000-gallon petroleum semi-trailer, transports 40,000 gallons of bulk petroleum products per lift based on eight available semi-trailer-tractor combinations, each carrying 5,000 gallons.

c. When equipped with the $7\frac{1}{2}$ -ton refrigerator semi-trailer, transports 60 tons of refrigerated cargo in one lift based on eight available semi-trailer-tractor combinations, each carrying 7.5 tons of cargo.

Strength. EM 23

Basis of allocation. One squad equipped with appropriate trucks to transport requirements indicated by capabilities listed above.

Mobility. One hundred-percent mobile.

Team GF, trailer transfer point operations team

Mission. To operate a trailer transfer point, marshaling yard, or truck terminal in conjunction with line-haul operations.

Assignment. To transportation motor transport group responsible for line of communication motor transport operations.

Capabilities. a. Operates, in conjunction with a line-haul operation, a trailer transfer point with a maximum capacity of 250 12-ton trailer units in

and out per day. The operation includes receiving, segregating, and assembling loaded or empty semitrailers for convoys; maintaining POL dispensing facilities to refuel hauling equipment; and servicing, inspecting, and, if required, making emergency repairs on incoming vehicles.

b. This team is adaptable to a type B organization.

Strength. a. Level 1: Off 1 EM 14
Aggr 15

b. Type B: Off 1 EM 12
Aggr 13

Basis of allocation. One per each trailer transfer point operated.

Mobility. Twenty-five-percent mobile.

Team GG, highway regulation point team

Mission. To operate a highway regulation point, to coordinate the movement of authorized traffic, and to effect changes in truck or convoy routings.

Assignment. To theater army or FASCOM; normally attached to HHD, transportation movement control agency or company.

Capabilities. On a 24-hour-per-day basis—

a. Reports on convoys and other elements arriving at and clearing the point so that progress may be reported and recorded; adjusts their rate of advance, as required.

b. Receives, correlates, and disseminates information on forecasted or passing traffic; makes reports on current highway conditions and changes as they occur.

c. Transmits orders from higher HQ to passing units or organizations and makes diversions and effects changes in priorities of traffic, as directed by the appropriate traffic HQ or comparable unit.

d. Receives and passes to appropriate agency requests for road clearance; checks clearances of passing units.

Strength. Off 1 EM 5 Aggr 6

Basis of allocation. As determined by the COMMZ or field army commander. Normally one per each major highway junction on road net along which highway regulation is maintained.

Mobility. One hundred-percent mobile.

55-550G Watercraft Maint Tms

Mission. The mission of each individual team is as indicated in the detailed breakdown of teams below.

Assignment. Teams may be attached or assigned, as required, to higher echelon units or may be organized into service units to perform

the functions required by existing conditions. The assignment of individual teams is as indicated in the detailed breakdown of teams below.

Capabilities. a. The capabilities of individual teams are as indicated in the detailed breakdown of teams below.

b. These teams are not adaptable to levels 2 and 3.

c. The following table indicates the average monthly maintenance man-hours required per type of vessel at organizational, direct support, and general support levels. (The table is developed based on professional estimates and will be used pending development of standard criteria to be included in AR 310-32.)

Type of watercraft	Maintenance		
	Org	DS	GS
LARC-5 -----	95	60	35
LARC-15 -----	150	95	55
LARC-60 -----	250	160	90
Barge, nonpropelled, deck cargo, 85-foot -----	50	54	36
Barge, liquid cargo, 120-foot -----	50	54	36
Boat, picket, 45-foot -----	50	60	40
Tugboat, 45-foot -----	50	60	40
Barge, nonpropelled, deck cargo, 110-foot -----	100	60	40
Boat, picket, 65-foot -----	100	60	40
Barge, spud -----	300	150	100
Barge, FMS -----	300	150	100
Crane, 89-ton -----	400	150	100
LCM-VIII -----	250	144	96
Tugboat, 65-foot -----	100	120	80
Boat, passenger and cargo, 65-foot -----	100	120	80
Barge, spud -----	500	210	140
Crane, 60-ton -----	300	180	120
Tugboat -----	200	360	240
Freight-supply (FS) -----	400	360	240
Landing craft, utility (LCU) -----	275	360	240
Tugboat, 126-foot -----	300	360	240
Lighter, beach discharge -----	500	450	300

Note. Man-hour requirements are in addition to operating crew.

d. These teams are not adaptable to a type B organization except as noted for specific teams. When type B strength is shown, the capabilities are the same as those of a level 1 organization.

e. Unless specifically provided for in the individual teams, these teams must be furnished personnel, administration, supply, mess, and organizational maintenance service. If not provided by the unit to which attached or assigned, mess and automotive maintenance teams will be drawn from TOE 29-500 and the TOE 29-600 series. Other service support will be drawn from appropriate service organization TOE of the service

concerned or provided on an area basis, as required. Teams may be grouped under appropriate TOE 55-500 HQ elements for command and control.

Strength. See individual teams below for strengths.

Basis of allocation. Allocations are as indicated in the detailed breakdown of teams below.

Category. III, unless indicated otherwise.

Mobility. See individual teams below for mobility.

Detailed Breakdown of Teams Teams IA—ID

Team IA, diver team

Mission. To perform deep- and shallow-water diving functions.

Assignment. To terminal group or terminal battalion.

Capabilities. Performs diving functions and and reconnaissance missions for a terminal group. The functions include underwater welding and cutting, salvage, hull repair, and structure inspection and repair.

Strength. Off 1 EM 7 Aggr 8

Basis of allocation. One or more per terminal group or watercraft maintenance unit, as required.

Mobility. Fixed.

Team IB, floating craft maintenance team, organizational

Mission. To perform hull and engine organizational maintenance on floating craft.

Assignment. To harbor craft company organized from TOE 55-530 teams.

Capabilities. Provides 1,800 man-hours of hull and engine organizational maintenance per month.

Strength. EM 10

Basis of allocation. One per each 1,800 man-hours of hull and engine organizational maintenance required per month.

Mobility. Fixed.

Team IC, floating craft maintenance team, general support

Mission. To perform general support maintenance on floating craft.

Assignment. To transportation terminal group; may augment a transportation floating craft general support maintenance company.

Capabilities. Provides 2,800 man-hours of hull and engine general support maintenance per month.

Strength. EM 19

Basis of allocation. One per 2,800 man-hours of hull and engine general support maintenance required per month.

Mobility. Fixed.

Team ID, lighterage maintenance team, direct support

Mission. To perform hull and engine maintenance on wheeled amphibians and landing craft.

Assignment. To transportation terminal group or watercraft unit.

Capabilities. a. Provides 4,600 man-hours per month for direct support maintenance of wheeled amphibians and landing craft. Contact maintenance teams are provided for onsite repair of disabled wheeled amphibians.

b. This team is adaptable to a type B organization.

Strength. a. Level 1: WO 1 EM 29
Aggr 30

b. Type B: WO 1 EM 22
Aggr 23

Basis of allocation. One per each 4,600 man-hours per month required for direct support and general support maintenance of wheeled amphibians and landing craft.

Mobility. One hundred-percent mobile.

55-560G Trans TS Tms

Mission. The mission of each individual team is as indicated in the detailed breakdown of teams below.

Assignment. Teams may be attached or assigned, as required, to higher echelon units or may be organized into service units to perform the functions required by existing conditions. Normal assignment is to TASCOT, with attachment to HHC, transportation terminal battalion (TOE 55-116).

Capabilities. a. The capabilities of individual teams are as indicated in the detailed breakdown of teams below.

b. These teams are not adaptable to levels 2 and 3.

c. These teams are not adaptable to a type B organization except as noted for specific teams.

d. When type B strength is shown, the capabilities are the same as those of a level 1 organization.

e. Unless specifically provided for in the individual teams, these teams must be furnished personnel, administration, supply, mess, and organizational maintenance service. If not provided by

the unit to which attached or assigned, mess and automotive maintenance teams will be drawn from TOE 29-500 and the TOE 29-600 series. Other service support will be drawn from appropriate service organization TOE of the service concerned or provided on an area basis, as required. Teams may be grouped under appropriate TOE 55-500 HQ elements for command and control.

Strength. See individual teams below for strengths.

Basis of allocation. Allocations are as indicated in the detailed breakdown of teams below.

Category. III.

Mobility. See individual teams below for mobility.

Detailed Breakdown of Teams Teams JA—JE

Team JA, stevedore gear and equipment maintenance section

Mission. To maintain stevedore gear and equipment.

Capabilities. Maintains stevedore gear and equipment for up to 10 cargo-handling sections (teams JE).

Strength. EM 8

Basis of allocation. One per five to 10 cargo-handling sections.

Mobility. Fixed.

Team JB, cargo documentation detachment

Mission. To document cargo being loaded, discharged, or transferred from one mode of transportation to another.

Capabilities. Performs documentation required in the loading and the discharge of 360 short tons of general cargo daily in a water terminal, railhead, truckhead, or airhead.

Strength. EM 9

Basis of allocation. One per 360 short tons of general cargo to be documented daily.

Mobility. Fixed.

Team JC, freight consolidation and distribution detachment

Mission. To operate a consolidation and distribution point or terminal facility handling less-than-car (truck)-load lots of cargo.

Capabilities. a. Processes 100 less-than-car-load shipments daily in a clearance and discharge point, terminal, navigation head, railhead, airhead, or truckhead.

b. This team is adaptable to a type B organization.

Strength. a. Level 1: EM 11

b. Type B: EM 6

Basis of allocation. One per 100 less-than-car-load freight shipments to be processed in or out daily.

Mobility. Fixed.

Team JD, transportation contract supervision detachment

Mission. To negotiate for and supervise the performance of contracts for stevedoring and inland water and highway transport.

Capabilities. Arranges for the loading or discharge of cargo from ships or barges and the clearance of discharged cargo from the terminal by contract; arranges for the movement of cargo from terminals, depots, or local procurement sources by inland waterways and highway transport contracts. Supervises the performance of the contracts made in connection with the loading, discharge, terminal clearance, and transport of cargo.

Strength. Off 4 EM 8 Aggr 12

Basis of allocation. One or more per transportation terminal brigade or group or area command, as required.

Mobility. Seventy-percent mobile.

Team JE, cargo-handling section

Mission. To load and unload general cargo, vehicles, and ammunition at water terminals.

Capabilities. Provides personnel and equipment to handle 72 short tons of cargo daily on a one-shift basis in a water terminal.

Strength. EM 16

Basis of allocation. As required in consonance with stated capabilities.

Mobility. Fixed.

55-570G Acft Maint Tms

Mission. The mission of each individual team is as indicated in the detailed breakdown of teams below.

Assignment. Teams may be attached or assigned, as required, to higher echelon units or may be organized into service units to perform the functions required by existing conditions. The assignment of individual teams is as indicated in the detailed breakdown of teams below.

Capabilities. a. The capabilities of individual teams are as indicated in the detailed breakdown of teams below.

b. These teams are not adaptable to levels 2 and 3 or to a type B organization.

c. Unless specifically provided for in the individual teams, these teams must be furnished personnel, administration, supply, mess, and organizational maintenance service. If not provided by the unit to which attached or assigned, mess and automotive maintenance teams will be drawn from TOE 29-500 and the TOE 29-600 series. Other service support will be drawn from appropriate service organization TOE of the service concerned or provided on an area basis, as required.

d. Individuals of these teams can assist the unit to which attached in the coordinated defense of their area or installation.

Strength. See individual teams below for strengths.

Basis of allocation. Allocations are as indicated in the detailed breakdown of teams below.

Category. II.

Mobility. See individual teams below for mobility.

Detailed Breakdown of Teams Teams KA—KF

Team KA, aircraft repair augmentation

Mission. To provide aircraft repairmen for direct support maintenance of aircraft.

Assignment. To aircraft direct support maintenance team.

Capabilities. Provides 400 man-hours per month for direct support maintenance of fixed- or rotary-wing aircraft.

Strength. EM 2

Basis of allocation. As required to augment aircraft direct support maintenance teams.

Mobility. Fixed.

Team KB, aircraft component repair

Mission. To provide aircraft component repairmen for direct support maintenance of aircraft components.

Assignment. To aircraft direct support maintenance team.

Capabilities. Provides 400 man-hours per month for repair of aircraft components.

Strength. EM 2

Basis of allocation. As required to augment aircraft direct support maintenance teams.

Mobility. Fixed.

Team KC, aircraft direct support detachment augmentation

Mission. To provide additional supervisory aircraft technical inspection, supply, and toolroom

personnel for an aircraft direct support maintenance team, as required.

Assignment. To aircraft direct support maintenance team.

Capabilities. Provides necessary augmentation to the aircraft direct support maintenance teams (small) when supporting both fixed- and rotary-wing aircraft.

Strength. EM 4

Basis of allocation. One per team KD.

Mobility. Fixed.

Team KD, aircraft direct support detachment, small

Mission. To perform aircraft direct support maintenance, recovery, and supply support for fixed- or rotary-wing aircraft or a combination thereof for Army aviation units in the field.

Assignment. To theater army, FASCOM, or separate force.

Capabilities. a. Can provide 3,800 man-hours (19 repairmen) per month for direct support maintenance of either fixed- or rotary-wing aircraft of Army aviation units.

b. May be augmented with team KA, KB, or KC, as required.

Strength. Off 1 WO 1 EM 35 Aggr 37

Basis of allocation. One per 3,800 man-hours per month required for aircraft direct support maintenance.

Mobility. Fifty-percent mobile.

Team KE, aircraft direct support detachment, medium

Mission. To perform aircraft direct support maintenance, recovery, and supply support fixed- or rotary-wing aircraft or a combination thereof for Army aviation units in the field.

Assignment. To theater army, FASCOM, or separate force.

Capabilities. a. Can provide 6,800 man-hours (34 repairmen) per month for direct support maintenance of fixed- and/or rotary-wing aircraft and recovery and supply support to supported Army aviation unit.

b. May be augmented with team KA or KB, as required.

Strength. Off 1 WO 1 EM 57 Aggr 59

Basis of allocation. One per 6,800 man-hours per month required for aircraft direct support maintenance.

Mobility. Fifty-percent mobile.

Team KF, medium cargo helicopter direct support detachment

Mission. To provide aircraft direct support and avionic maintenance for one medium helicopter company (TOE 1-258).

Assignment. To aviation group or battalion; may be attached to medium helicopter company.

Capabilities. a. Provides aircraft direct support and avionic maintenance for one medium helicopter company authorized two observation helicopters and 16 medium cargo helicopters.

b. This team depends on—

(1) The supported unit for mess and motor maintenance facilities.

(2) A personnel service company for personnel services.

Strength. Off 1 WO 1 EM 80 Aggr 82

Basis of allocation. One per medium helicopter company.

Mobility. Approximately 50-percent mobile.

55-580G Trans Mov Con Tms

Mission. The mission of each individual team is as indicated in the detailed breakdown of teams below.

Assignment. Individual teams are normally attached as augmentation to transportation movement control agency (TOE 55-4), transportation movement control center (FASCOM) (TOE 55-6), and transportation movement control company (support brigade) (TOE 55-7). These teams may be attached to an appropriate TRANSCOM HQ to assist in the movement of cargo and personnel.

Capabilities. a. The capabilities of individual teams are as indicated in the detailed breakdown of teams below.

b. These teams are not adaptable to levels 2 and 3 or to a type B organization.

c. When required by the local situation, interpreters and local transport technicians may be authorized by the appropriate commanders.

d. Personnel administration, supply, mess, and organizational maintenance service will be provided by the unit to which attached. If not provided by the unit to which attached or assigned, mess and automotive maintenance teams will be provided from TOE 29-500 and the TOE 29-600 series. Other service support will be provided from appropriate service organization TOE of the service concerned or provided on an area basis, as required.

Basis of allocation. As required.

Category. a. When employed in the combat zone: II.

b. When employed in the COMMZ: III.

Mobility. See individual teams below for mobility.

Detailed Breakdown of Teams Teams LA—LD

Team LA, movement control

Mission. To perform movement control functions for movement of personnel and materiel (except bulk POL by pipeline).

Assignment. To support command. Normally attached to transportation movement control agency (TOE 55-4), transportation movement control center (TOE 55-6), or transportation movement control company (TOE 55-7).

Capabilities. Augments the capabilities of movement control teams, when required, because of workload or provides movement control functions at small installations or activities.

Strength. EM 3

Mobility. One hundred-percent mobile.

Team LB, movement control

Mission. To perform movement control functions for movement of personnel and materiel (except bulk POL by pipeline).

Assignment. To support command. Normally attached to transportation movement control agency (TOE 55-4), transportation movement control center (TOE 55-6), or transportation movement control company (TOE 55-7).

Capabilities. Provides single-shift movement control functions at a two-ship logistics-over-the-shore terminal, a medium fixed water terminal, or an inland transfer point.

Strength. Off 1 EM 4 Aggr 5

Mobility. Eight-percent mobile.

Team LC, movement control

Mission. To perform movement control functions for movement of personnel and materiel (except bulk POL by pipeline).

Assignment. To support command. Normally attached to transportation movement control agency (TOE 55-4), transportation movement control center (TOE 55-6), or transportation movement control company (TOE 55-7).

Capabilities. Provides single-shift movement control functions at a field depot, for a four-ship water terminal operation, or for a rail or motor terminal.

Strength. Off 2 EM 6 Aggr 8

Mobility. Eighty-percent mobile.

Team LD, movement control (region)

Mission. To perform movement control functions for movement of personnel and materiel (except bulk POL by pipeline).

Assignment. To support command. Normally attached to transportation movement control agency (TOE 55-4) or transportation movement control center (TOE 55-6).

Capabilities. Coordinates the activities of up

to 10 subordinate movement control teams on a 24-hour basis; provides a central movement element in support of a small tactical force when employment of a transportation movement control company (TOE 55-7) is not warranted.

Strength. Off 4 EM 10 Aggr 14

Mobility. Eighty-percent mobile.



CHAPTER 28

SEPARATE BRIGADES

7-100G Sep Inf Bde

Mission. To destroy enemy military forces and to control land area, including populations and resources.

Assignment. As determined by DA and theater commanders.

Capabilities. a. At level 1, this unit—

(1) Provides operational control of up to five maneuver battalions in independent offensive and defensive combat operations in nuclear and non-nuclear war.

(2) Conducts sustained combat operations against similarly or less well-equipped land forces in areas where a military force of less than division size is required, or as part of a larger force.

(3) Operates in difficult weather or terrain.

(4) Can be employed in Army airborne operations.

(5) Operates as part of a joint amphibious force.

(6) Operates as part of a joint airborne force.

(7) Controls enemy populations.

(8) Restores order.

(9) Operates with limited logistic support.

(10) May be attached to and employed as part of a division.

(11) Executes airmobile operations when provided required helicopter support.

b. This unit has the following organic limitations:

(1) No air defense artillery.

(2) Limited airlift capability.

(3) Limited mobility.

(4) Limited protection against armor.

(5) Limited protection against artillery and nuclear effects.

c. This unit requires appropriate signal augmentation for an external signal communication capability.

d. This unit is not adaptable to a type B organization.

e. When required to organize maneuver battalions at level 2 under this TOE, the provisions of section IV, AR 310-31, may be applied as directed by the major command concerned, subject to DA approval.

f. Individuals of this organization, except medical and chaplain personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. When equipped with mobile assault bridging equipment:

(1) Level 1: Off 155 WO 51
EM 1,990 Aggr 2,196

(2) Level 2: Off 144 WO 43
EM 1,808 Aggr 1,995

(3) Level 3: Off 139 WO 39
EM 1,617 Aggr 1,795

b. When equipped with M4T6 or class-60 bridging equipment:

(1) Level 1: Off 155 WO 51
EM 1,993 Aggr 2,199

(2) Level 2: Off 144 WO 43
EM 1,807 Aggr 1,904

(3) Level 3: Off 139 WO 39
EM 1,612 Aggr 1,790

c. Strength figures include brigade base only and do not include maneuver battalions.

Basis of allocation. In conformance with operational environment requirements determined by DA and theater commanders.

Category. For category designation of the components of this brigade, see applicable TOE extracts.

Mobility. For mobility of the components of this brigade, see applicable TOE extracts.

Components. a. One HHC (TOE 7-102G).

b. One armored cavalry troop (TOE 17-107G).

c. One aviation company (TOE 1-47G).

d. One engineer company (TOE 5-107G).

e. One support battalion (TOE 29-135G).

f. One field artillery battalion, 105-mm, towed (TOE 6-185G).

g. Variable numbers of infantry battalions (TOE 7-15G) and/or tank battalions (TOE 17-35G).

7-102G HHC, Sep Inf Bde

Mission. To command and control assigned and attached combat, combat support, and combat service support elements in both training and operations.

Assignment. Organic to separate infantry brigade (TOE 7-100).

Capabilities. *a.* At level 1, this unit—

(1) Provides command, staff planning, control, supervision, aviation support, chaplain support, and administrative support for from two to five maneuver battalions and military police support for assigned and attached combat and combat support elements.

(2) Provides unit-level medical service to include medical care and evacuation for the armored cavalry troop (TOE 17-107), aviation company (TOE 1-47), and engineer company (TOE 5-107); establishes an aid station; and furnishes aidmen to supported units.

(3) Provides administration, mess, organizational maintenance, supply, motor transport, aviation support, and local security for brigade HQ.

(4) Conducts brigade operations on a sustained 24-hour-a-day basis.

(5) Establishes liaison with higher and adjacent HQ.

(6) Supervises tactical training of assigned and attached units.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except medical and chaplain personnel, can engage in effective, coordinated defense of the unit's area or installation.

d. This unit depends on the administration company, separate armored, infantry, or infantry (mechanized) brigade (TOE 12-177), for personnel services.

Strength. *a.* Level 1: Off 37 WO 1

EM 249 Aggr 287

b. Level 2: Off 32 WO 1

EM 227 Aggr 260

c. Level 3: Off 30 WO 1

EM 203 Aggr 234

Basis of allocation. One per separate infantry brigade (TOE 7-100).

Category. II.

Mobility. One hundred-percent mobile in organic transportation.

17-100G Sep Armd Bde

Mission. To destroy enemy military forces and to control land area, including populations and resources.

Assignment. As determined by DA and theater commanders.

Capabilities. *a.* At level 1, this unit—

(1) Commands and controls attached maneuver battalions in independent offensive and defensive operations in nuclear and nonnuclear war.

(2) Conducts sustained combat operations against any type of opposing ground forces in areas where a military force of less than division size is required, or as part of a larger force.

(3) Conducts mobile offensive operations characterized by rapid movement and wide dispersal to include deep penetration, exploitation, and pursuit.

(4) Conducts operations requiring armor shielding against small-arms, tank, artillery, and nuclear fires.

(5) As part of a larger force, can be employed in covering force operations and as a mobile counterattack force.

(6) Operates as part of a joint amphibious force.

(7) Controls enemy populations.

(8) Restores order.

(9) May be attached to and employed as part of a division.

b. This unit is not adaptable to a type B organization.

c. The brigade HHC (TOE 17-102) is capable of operational control of up to five maneuver battalions.

d. Artillery battalions equipped with the 105-mm howitzer in lieu of the 155-mm howitzer will organize under TOE 6-385 (field artillery battalion, 105-mm, self-propelled).

e. This unit has the following organic limitations:

(1) Not air transportable.

(2) Restricted mobility in jungle, dense forest, untrafficable terrain, and over water obstacles.

(3) Heavy logistic support requirements, including maintenance, fuel, and ammunition.

f. This unit requires signal support from a corps- or army-level signal unit for an external communication capability. When operating independently, cellular signal teams are required for this capability.

Strength. *a.* When equipped with mobile assault bridging equipment:

(1) Level 1: Off 137 WO 17
EM 2,035 Aggr 2,189

(2) Level 2: Off 132 WO 17
EM 1,841 Aggr 1,990

(3) Level 3: Off 128 WO 17
EM 1,647 Aggr 1,792

b. When equipped with M4T6 or class-60 bridging equipment:

(1) Level 1: Off 137 WO 17
EM 2,038 Aggr 2,192

(2) Level 2: Off 132 WO 17
EM 1,840 Aggr 1,989

(3) Level 3: Off 128 WO 17
EM 1,644 Aggr 1,789

c. Strength figures include brigade base only and do not include maneuver battalions.

Basis of allocation. In conformance with operational environment requirements determined by DA and theater commanders.

Category. For category designation of the components of this brigade, see applicable TOE extracts.

Mobility. For mobility of the components of this brigade, see applicable TOE extracts.

Components. *a.* One HHC (TOE 17-102G).

b. One armored cavalry troop (TOE 17-107G).

c. One engineer company (TOE 5-127G).

d. One support battalion (TOE 29-75G).

e. One field artillery battalion, 155-mm, self-propelled (TOE 6-375G).

f. Variable number of infantry battalions (mechanized) (TOE 7-45G) and/or tank battalions (TOE 17-35G).

17-102G HHC, Sep Armd Bde

Mission. To command and control attached combat and combat support elements in both training and operations.

Assignment. Organic to separate armored brigade (TOE 17-100).

Capabilities. *a.* At level 1, this unit—

(1) Provides command, staff planning, control, supervision, and aviation support for from two to five maneuver battalions and military po-

lice support for assigned and attached combat and combat support elements.

(2) Provides administration, mess, organizational maintenance, supply, motor transport, aviation support, and local security for brigade HQ.

(3) Conducts brigade operations on a sustained 24-hour-a-day basis.

(4) Establishes liaison with higher and adjacent HQ.

(5) Supervises tactical training of assigned and attached units.

(6) Provides unit-level medical service to include medical care and evacuation for the armored cavalry troop (TOE 17-107) and engineer company (TOE 5-127), establishes an aid station, and furnishes aidmen to supported units.

b. This unit is not adaptable to a type B organization.

c. This unit depends on the administration company, separate armored, infantry, or infantry (mechanized) brigade (TOE 12-177), for personnel services.

d. Individuals of this organization, except chaplains and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. *a.* Level 1: Off 38 WO 5
EM 263 Aggr 306

b. Level 2: Off 33 WO 5
EM 239 Aggr 277

c. Level 3: Off 32 WO 5
EM 214 Aggr 251

Basis of allocation. One per separate armored brigade (TOE 17-100).

Category. II.

Mobility. One hundred-percent mobile in organic transportation.

37-100G Sep Inf Bde (Mech)

Mission. To destroy enemy military forces and to control land area, including populations and resources.

Assignment. As determined by DA and theater commanders.

Capabilities. *a.* At level 1, this unit—

(1) Commands and controls attached maneuver battalions in independent offensive and defensive operations in nuclear and nonnuclear war.

(2) Conducts sustained combat operations against most types of ground forces in areas

where a military force of less than division size is required, or as part of a larger force.

(3) Conducts mobile offensive operations characterized by rapid movement and wide dispersal to include deep penetration, exploitation, and pursuit.

(4) Conducts operations requiring shielding against nuclear, small-arms, and shell-fragment effects.

(5) As part of a larger force, can be employed in covering force operations and as a mobile counterattack force.

(6) Operates as part of a joint amphibious force.

(7) Controls enemy populations.

(8) Restores order.

(9) May be attached to and employed as part of a division.

b. This unit is not adaptable to a type B organization.

c. The brigade HHC (TOE 37-102) is capable of operational control of up to five maneuver battalions.

d. Artillery battalions equipped with the 105-mm howitzer in lieu of the 155-mm howitzer will organize under TOE 6-385 (field artillery battalion, 105-mm, self-propelled).

e. This unit has the following organic limitations:

(1) Loss of its capability to fight as a mechanized force when employed in airborne operations.

(2) Restricted vehicular mobility in jungle, dense forest, untrafficable terrain, and over water obstacles.

(3) Considerable logistic support requirements to maintain its mobility and striking power.

f. This unit requires signal support from a corps- or army-level signal unit for an external communication capability. When operating independently, cellular signal teams are required for this capability.

Strength. a. When equipped with mobile assault bridging equipment:

(1) Level 1: Off 137 WO 17
EM 2,035 Aggr 2,189

(2) Level 2: Off 132 WO 17
EM 1,841 Aggr 1,990

(3) Level 3: Off 128 WO 17
EM 1,648 Aggr 1,793

b. When equipped with M4T6 or class-60 bridging equipment:

(1) Level 1: Off 137 WO 17
EM 2,038 Aggr 2,192

(2) Level 2: Off 132 WO 17
EM 1,840 Aggr 1,989

(3) Level 3: Off 128 WO 17
EM 1,645 Aggr 1,790

c. Strength figures include brigade base only and do not include maneuver battalions.

Basis of allocation. In conformance with operational environment requirements determined by DA and theater commanders.

Category. For category designation of the components of this brigade, see applicable TOE extracts.

Mobility. For mobility of the components of this brigade, see applicable TOE extracts.

Components. a. One HHC (TOE 37-102G).

b. One armored cavalry troop (TOE 17-107G).

c. One engineer company (TOE 5-127G).

d. One support battalion (TOE 29-75G).

e. One field artillery battalion, 155-mm self-propelled (TOE 6-375G).

f. Variable numbers of infantry battalions (mechanized) (TOE 7-45G) and/or tank battalions (TOE 17-35G).

37-102G HHC, Sep Inf Bde (Mech)

Mission. To command and control assigned and attached combat, combat support, and combat service support elements in both training and operations.

Assignment. Organic to separate infantry brigade (mechanized) (TOE 37-100).

Capabilities. a. At level 1, this unit—

(1) Provides command, staff planning, control, supervision, and aviation support for from two to five maneuver battalions and military police support for assigned and attached combat and combat support elements.

(2) Provides administration, mess, organizational maintenance, supply, motor transport, aviation support, and local security for brigade HQ.

(3) Conducts brigade operations on a sustained 24-hour-a-day basis.

(4) Establishes liaison with higher and adjacent HQ.

(5) Supervises tactical training of assigned and attached units.

(6) Provides unit-level medical service to include medical care and evacuation for the ar-

mored cavalry troop (TOE 17-107) and engineer company (TOE 5-127), establishes an aid station, and furnishes aidmen to supported units.

b. This unit is not adaptable to a type B organization.

c. This unit depends on the administration company, separate armored, infantry, or infantry (mechanized) brigade (TOE 12-177), for personnel services.

d. This unit provides—

(1) A security element for the brigade HQ.

(2) Chaplain support for the attached maneuver battalions.

e. Individuals of this organization, except chaplains and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 38 WO 5
EM 263 Aggr 306

b. Level 2: Off 33 WO 5
EM 239 Aggr 277

c. Level 3: Off 32 WO 5
EM 215 Aggr 252

Basis of allocation. One per separate infantry brigade (mechanized) (TOE 37-100).

Category. II.

Mobility. One-hundred percent mobile in organic transportation; 100-percent air transportable in medium transport aircraft.

57-100G Sep Abn Bde

Mission. a. To move by air to close with the enemy and to destroy or capture him.

b. To move by air and by airborne assault to seize and hold important objectives until ground linkup can be accomplished or until reinforced by air or surface landing.

c. To execute small-scale airborne commando-type operations to perform selected missions.

d. To move by air on short notice to any land areas as a deterrent or resistance force in any threatened area.

Assignment. As determined by DA and theater commanders.

Capabilities. a. At level 1, this unit—

(1) Provides operational control of up to five airborne infantry battalions in independent offensive and defensive combat operations in nuclear and nonnuclear war.

(2) Executes airborne assault by means of parachute drop or air landing.

(3) Closes with the enemy and destroys or captures him, using fire, maneuver, and close combat.

(4) Conducts all types of ground operations against similarly or less well-equipped ground forces.

(5) Acts alone or as part of a larger force.

(6) Provides civil affairs functions.

(7) Executes airmobile operations when provided required helicopter support.

b. This unit has the following organic limitations:

(1) No air defense artillery and limited field artillery.

(2) Limited airlift capability.

(3) Limited mobility.

(4) Limited protection against armor.

(5) No offensive or defensive tank firepower capability.

c. This unit requires appropriate signal augmentation for an external signal communication capability.

d. This unit is not adaptable to a type B organization.

e. When required to organize maneuver battalions at level 3 under this TOE, the provisions of section IV, AR 310-31, may be applied as directed by the major command concerned, subject to DA approval.

Strength. a. Level 1: Off 130 WO 31
EM 1,547 Aggr 1,708

b. Level 2: Off 120 WO 31
EM 1,390 Aggr 1,541

c. Level 3: Off 114 WO 31
EM 1,237 Aggr 1,382

d. Strength figures include brigade base only and do not include maneuver battalions.

Basis of allocation. In conformance with operational environment requirements determined by DA and theater commanders.

Category. For category designation of the components of this brigade, see applicable TOE extracts.

Mobility. For mobility of the components of this brigade, see applicable TOE extracts.

Components. a. One HHC (TOE 57-102G).

b. One armored cavalry troop (TOE 17-127G).

c. One engineer company (TOE 5-137G).

d. One support battalion (TOE 29-105G).

e. One field artillery battalion, 105-mm, towed (TOE 6-215G).

f. Variable numbers of infantry battalions (TOE 7-35G).

57-102G HHC, Sep Abn Bde

Mission. To command and control assigned and attached combat, combat support, and combat service support elements in both training and operations.

Assignment. Organic to separate airborne brigade (TOE 57-100).

Capabilities. a. At level 1, this unit—

(1) Provides command, staff planning, control, supervision, and aviation support for from two to five maneuver battalions and military police support for assigned and attached combat and combat support elements.

(2) Provides administration, mess, organizational maintenance, supply, motor transport, aviation support, limited air defense, and local security for brigade HQ.

(3) Conducts brigade operations on a sustained 24-hour-a-day basis.

(4) Establishes liaison with higher and adjacent HQ.

(5) Supervises tactical training of assigned and attached units.

(6) Provides unit-level medical care and evacuation for the armored cavalry troop (TOE 17-127) and engineer company (TOE 5-137).

(7) Provides chaplain support for attached maneuver battalions.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) The administration company, separate airborne brigade (TOE 12-167), for personnel services.

(2) Outside support for photographic processing facilities.

d. Individuals of this organization, except chaplains and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 37 WO 19
EM 266 Aggr 322

b. Level 2: Off 33 WO 19
EM 241 Aggr 293

c. Level 3: Off 32 WO 19
EM 212 Aggr 263

Basis of allocation. One per separate airborne brigade (TOE 57-100).

Category. II.

Mobility. Eighty-five percent mobile in organic transportation; 100-percent air transportable in medium transport aircraft.

77-100G Sep Lt Inf Bde

Mission. To destroy enemy military forces and to control land area, including populations and resources.

Assignment. As determined by DA and theater commanders.

Capabilities. a. At level 1, this unit—

(1) Provides command, control, and administration for up to four maneuver battalions in independent offensive and defensive combat operations and in stability-type operations against an unsophisticated enemy.

(2) Conducts sustained combat operations against similarly or less well-equipped land forces in areas where a military force of less than division size is required, or as part of a larger force.

(3) Operates in difficult weather or terrain.

(4) Operates as part of a joint amphibious force.

(5) Controls enemy populations.

(6) Restores order.

(7) Operates with limited logistic support.

(8) May be attached to and employed as part of a division.

(9) Operates as part of an airmobile operation.

(10) Operates as part of a joint airborne force.

b. This unit has the following organic limitations:

(1) Limited air defense and artillery.

(2) Limited airlift capability.

(3) Limited mobility.

(4) Limited protection against armor.

(5) Limited protection against artillery and nuclear effects.

c. This unit requires appropriate signal augmentation for an external signal communication capability.

d. This unit is not adaptable to a type B organization.

e. When required to organize maneuver battalions at level 3 under this TOE, the provisions of

section IV, AR 310-31, may be applied as directed by the major command concerned, subject to DA approval.

Strength. a. Level 1: Off 124 WO 21
EM 1,502 Aggr 1,647

b. Level 2: Off 116 WO 20
EM 1,360 Aggr 1,496

c. Level 3: Off 112 WO 20
EM 1,211 Aggr 1,343

d. Strength figures include brigade base only and do not include maneuver battalions.

Basis of allocation. In conformance with operational environment requirements determined by DA and theater commanders.

Category. For category designation of the components of this brigade, see applicable TOE extracts.

Mobility. Limited. Combat units require additional vehicular assistance to move organic impedimenta and resupply. See applicable TOE extracts.

Components. a. One HHC (TOE 77-102G).

b. One armored cavalry troop (TOE 17-117G).

c. One engineer company (TOE 5-207G).

d. One support battalion (TOE 29-245G).

e. One field artillery battalion, 105-mm, towed (TOE 6-115G).

f. Variable numbers of infantry battalions (TOE 7-175G).

77-102G HHC, Sep Lt Inf Bde

Mission. To command and control assigned and attached combat, combat support, and combat service support elements in both training and operations.

Assignment. Organic to separate light infantry brigade (TOE 77-100).

Capabilities. a. At level 1, this unit—

(1) Provides command, staff planning, control, supervision, and aviation support for up to four battalions and for assigned and attached combat and combat support elements.

(2) Provides air defense support for assigned combat support elements.

(3) Provides operational control of up to four infantry battalions.

(4) Provides administration, mess, organizational maintenance, supply, motor transport, aviation support, and local security for brigade HQ.

(5) Conducts brigade operations on a sustained 24-hour-a-day basis.

(6) Establishes liaison with higher and adjacent HQ.

(7) Supervises tactical training of assigned and attached units.

(8) Provides unit-level medical service to include medical care and evacuation for the armored cavalry troop (TOE 17-117) and the engineer company (TOE 5-207).

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) Outside support for photographic processing facilities.

(2) The administration company, separate light infantry brigade (TOE 12-197), for personnel services.

(3) Outside sources for nuclear fire support.

d. This unit provides—

(1) A security element for the brigade HQ.

(2) Chaplain support for assigned maneuver battalions.

e. Individuals of this organization, except chaplain and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 36 WO 8
EM 254 Aggr 298

b. Level 2: Off 33 WO 7
EM 228 Aggr 268

c. Level 3: Off 32 WO 7
EM 199 Aggr 238

Basis of allocation. One per separate light infantry brigade (TOE 77-100).

Category. II.

Mobility. For tactical movements, 85-percent mobile in organic transportation; 100-percent air transportable in medium transport aircraft.



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APPENDIX A

TEN CLASSES OF SUPPLY

<i>Major Classification</i>	<i>Subclassification ¹</i>
I—Subsistence.	A—Air (in-flight rations). R—Refrigerated subsistence. S—Nonrefrigerated subsistence (less combat rations). C—Combat rations. ²
II—Clothing, individual equipment, tentage, organizational tool sets and tool kits, hand tools, and administrative and housekeeping supplies and equipment.	B—Ground support materiel. ³ E—General supplies. F—Clothing and textiles. M—Weapons. T—Industrial supplies. ⁴
III—POL: petroleum fuels; lubricants; hydraulic and insulating oils; preservatives; liquid and compressed gases; bulk chemical products; coolants; deicing and anti-freeze compounds, together with components and additives of such products; and coal.	A—Air. W—Ground (surface).
IV—Construction: construction materials, to include installed equipment and all fortification/barrier materials.	

¹ The ALPHA code for subclassification of classes II, VII, and IX represents materiel category designators used in supply management, with the exception of A (Air), which is used throughout all classes of supply as applicable. ALPHA codes not used as materiel category designators have been assigned to the subclassifications for classes I, III, and V. The subclassification materiel designators (A through T) may be used in combination with the designated subclassifications, when appropriate and if desired, to definitize further a portion of a class of supply for planning purposes, e.g., use of class V AL to designate ammunition, air missile. Additional codes may be used by the Services to satisfy a specific requirement, e.g., to designate reparable or non-reparable, high-dollar items, or for other selective management purposes. This additional permissive coding is not to be used in lieu of that designated for the major classification and subclassifications.

² Includes gratuitous health and welfare items.

³ Includes power generators and construction, barrier, bridging, firefighting, petroleum, and mapping equipment.

⁴ Includes bearings, block and tackle, cable, chain, wire rope, screws, bolts, studs, steel rods, plates, and bars.

Major Classification

Subclassification¹

- | | |
|---|--|
| <p>V—Ammunition: ammunition of all types, including CBR and special weapons, bombs, explosives, mines, fuzes, detonators, pyrotechnics, missiles, rockets, propellants, and other associated items.</p> | <p>A—Air.
W—Ground.</p> |
| <p>VI—Personal-demand items (non-military sales items).</p> | |
| <p>VII—Major end items: a final combination of end products that are ready for their intended use, e.g., tanks, launchers, mobile machine shops, and vehicles.</p> | <p>A—Air.
B—Ground support materiel.³
D—Administrative vehicles.⁵
G—Electronics.
K—Tactical vehicles.
L—Missiles.
M—Weapons.
N—Special weapons.</p> |
| <p>VIII—Medical materiel, including medical-peculiar repair parts.</p> | |
| <p>IX—Repair parts (less medical-peculiar repair parts) : all repair parts and components, to include kits, assemblies, and subassemblies, reparable and nonreparable, required for maintenance support of all equipment.</p> | <p>A—Air.
B—Ground support materiel.³
D—Administrative vehicles.⁵
G—Electronics.
K—Tactical vehicles.
L—Missiles.
M—Weapons.
N—Special weapons.
T—Industrial supplies.⁴</p> |
| <p>X—Materiel to support non-military programs, e.g., agricultural and economic development not included in classes I through IX.</p> | |

¹ The ALPHA code for subclassification of classes II, VII, and IX represents materiel category designators used in supply management, with the exception of A (Air), which is used throughout all classes of supply as applicable. ALPHA codes not used as materiel category designators have been assigned to the subclassifications for classes I, III, and V. The subclassification materiel designators (A through T) may be used in combination with the designated subclassifications, when appropriate and if desired, to definitize further a portion of a class of supply for planning purposes, e.g., use of class V AL to designate ammunition, air missile. Additional codes may be used by the Services to satisfy a specific requirement, e.g., to designate reparable or nonreparable, high-dollar items, or for other selective management purposes. This additional permissive coding is not to be used in lieu of that designated for the major classification and subclassifications.

³ Includes power generators and construction, barrier, bridging, firefighting, petroleum, and mapping equipment.

⁴ Includes bearings, block and tackle, cable, chain, wire rope, screws, bolts, studs, steel rods, plates, and bars.

⁵ Commercial vehicles used in administrative motor pools.

APPENDIX B

ABBREVIATIONS

This list of abbreviations is provided to enable the user to have readily available those abbreviations most commonly used in this manual. Although most abbreviations are contained in AR 320-50, they are reproduced here for the benefit of personnel not having ready access to this AR.

AAVN	Army aviation	bn	battalion
AB	airbase	BPO	base post office
ABAR	alternate battery acquisition radar	br	branch
abn	airborne	brg	bridge
acft	aircraft	bt	boat
ACSFOR	Assistant Chief of Staff for Force Development	btry	battery
acq	acquisition	CA	civil affairs
AD	air defense	cal	caliber
ADA	air defense artillery	calbr	calibration
ADLOG	advance logistical command	cam	camouflage
ADM	atomic demolition munition	carr	carrier
ADP	automatic data processing	cav	cavalry
AG	adjutant general	CB	construction battalion
agcy	agency	CBR	chemical, biological, and radiological
aggr	aggregate	cbt	combat
airmbl	airmobile	cen	center
altn	alternate	cft	craft
AM	amplitude modulated	cgo	cargo
amb	ambulance	Chap	Chaparral
ammo	ammunition	ci	counterintelligence
amph	amphibian, amphibious	civ	civilian
ANC	Army Nurse Corps	clas	classification
APO	Army Post Office	clr	clearing
AR	Army regulation	cm	countermortar
ARADCOM	United States Army Air Defense Command	cml	chemical
armd	armored	co	company
arty	artillery	CO	command operations
ASA	Army Security Agency	coll	collecting, collection
ASCOM	area support command	comd	command
asg	assign, assignment	comm	communications
aslt	assault	COMMCEN	communications center
ATC	air traffic control	COMMEL	communications electronics
avn	aviation	comp	composite
BALOG	base logistical command	COMMZ	communications zone
bde	brigade	con	control
BIRDIE	battery integration and radar display equipment	const	construction
BLT	battalion landing team	CONUS	continental United States
		conv	convalescent
		convl	conventional
		corr cy	corrected copy



MI	military intelligence	regt	regiment
MID	military intelligence detach- ment	rehab	rehabilitation
mil	military	renv	renovation
mov	movement	rep	repair
MP	military police	repl	replacement
msgrr	messenger	repro	reproduction
msl	missile	rkt	rocket
MTOE	modification table of organi- zation and equipment	rr	rear
NCO	noncommissioned officer	RRIS	remote radar integration station
nondiv	nondivisional	ry	railway
NUCWPM	nuclear weapon	S&M	supply and maintenance
obsn	observation	S&S	supply and service
ofc	office	S&T	supply and transport
off	officer	SAGE	semiautomatic ground envi- ronment
op	operating, operations	sct	scout
ord	ordnance	scty	security
org	organization	sep	separate
P&A	personnel and administration	SF	special forces
para	paragraph	SFOB	special forces operational base
PCM	punched card machine	SGT	Sergeant
PCS	post, camp, or station	sig	signal
pers	personal, personnel	SLAR	side-looking aerial radar
PERSCOM	personnel command	slt	searchlight
PERSH	Pershing	SMCOM	supply and maintenance command
petrl	petroleum	sp	special
pfdrr	pathfinder	SP	self-propelled
phys	physical	SPS	special services
pl	pipeline	spt	support
plat	platoon	sqdn	squadron
pmap	photomapping	SRC	standard requirement code
pnl	panel	SSB	single sideband
POL	petroleum, oil, and lubricants	sta	station
proc	processing	STARCOM	Strategic Army Communica- tions System
prop	property	stk	stock
pstl	postal	stkd	stockade
PSYOP	psychological operations	strat	strategic
PTOE	plan table of organization and equipment	subgp	subgroup
pub	public, publications	sup	supply
PVNTMED	preventive medicine	supv	supervision
PW	prisoner of war	surv	survey
QM	quartermaster	survl	surveillance
RADREL	radio relay	svc	service
RAOC	rear area operations center	TA	table of allowances
RAP	rear area protection	TAG	The Adjutant General
RATT	radioteletypewriter	TASCOM	theater army support com- mand
rec	records	TASTA	the administrative support theater army
rdo	radio		
rdr	radar		
recon	reconnaissance		
reg	regulating		

TDA -----table of distribution and allowances
tgt -----target
thtr -----theater
TI -----technical intelligence
tk -----tank
tm -----team
tml -----terminal
TMT -----transportation motor transport
tn -----train
tng -----training
TOC -----tactical operations center, theater of operation command
TOE -----table of organization and equipment
topo -----topographic
TRANSCOM -----transportation command
trf -----transfer
trk -----truck
trp -----troop
TS -----terminal service
U.S. -----United States
USA -----United States Army
USACDC -----United States Army Combat Developments Command
USACDCAVNA ---United States Army Combat Developments Command Aviation Agency.

USACDCCAG -----United States Army Combat Developments Command Combat Arms Group.
USACDCCSSG -----United States Army Combat Developments Command Combat Service Support Group.
USAF -----United States Air Force
USAFSTRIKE -----United States Air Force Strike Command
USAMC -----United States Army Materiel Command
USAMICOM -----United States Army missile command
USASTRATCOM --United States Army Strategic Command
USSTRICOM -----United States Strike Command
util -----utility
VFR -----visual flight rules
Vulc -----Vulcan
WAC -----Women's Army Corps
whd -----warhead
WO -----warrant officer
wpns -----weapons
WS -----water supply
xmsn -----transmission

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